

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY120519\
 Data File : VY000873.D
 Acq On : 05 Dec 2019 11:36
 Operator : SY/MD
 Sample : VY1205SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1205SBS01

Quant Time: Dec 06 03:58:43 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y112719S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 27 12:40:47 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	289440	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	498751	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	450738	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	210943	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.15	65	159362	51.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.64%	
35) Dibromofluoromethane	7.73	113	148120	50.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.92%	
50) Toluene-d8	10.18	98	621416	53.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.94%	
62) 4-Bromofluorobenzene	12.48	95	213244	48.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.72%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.90	85	59638	19.141	ug/l 96
3) Chloromethane	2.12	50	78780	20.512	ug/l 98
4) Vinyl Chloride	2.26	62	77665	20.518	ug/l 98
5) Bromomethane	2.65	94	39993	16.070	ug/l 98
6) Chloroethane	2.79	64	46877	20.199	ug/l 98
7) Trichlorofluoromethane	3.13	101	105761	20.388	ug/l 92
8) Diethyl Ether	3.53	74	37912	19.418	ug/l 98
9) 1,1,2-Trichlorotrifluoroet	3.90	101	63030	19.676	ug/l 97
10) Methyl Iodide	4.09	142	74925	18.577	ug/l 99
11) Tert butyl alcohol	5.00	59	25013	80.838	ug/l # 74
12) 1,1-Dichloroethene	3.87	96	63968	20.156	ug/l 98
13) Acrolein	3.74	56	30770	100.951	ug/l 99
14) Allyl chloride	4.49	41	112274	20.633	ug/l 99
15) Acrylonitrile	5.18	53	97625	96.833	ug/l 99
16) Acetone	3.96	43	67833	96.145	ug/l 97
17) Carbon Disulfide	4.19	76	204520	19.926	ug/l 99
18) Methyl Acetate	4.49	43	56355	19.103	ug/l 98
19) Methyl tert-butyl Ether	5.22	73	169768	20.031	ug/l 98
20) Methylene Chloride	4.72	84	77378	20.806	ug/l 96
21) trans-1,2-Dichloroethene	5.22	96	74144	20.555	ug/l 94
22) Diisopropyl ether	6.13	45	232955	20.829	ug/l 95
23) Vinyl Acetate	6.07	43	703632	103.487	ug/l 99
24) 1,1-Dichloroethane	6.03	63	128581	20.859	ug/l 98
25) 2-Butanone	7.00	43	120337	92.333	ug/l 90
26) 2,2-Dichloropropane	6.99	77	102129	19.685	ug/l 100
27) cis-1,2-Dichloroethene	6.99	96	80897	20.748	ug/l 99
28) Bromochloromethane	7.35	49	29037	14.345	ug/l 96
29) Tetrahydrofuran	7.36	42	84377	97.700	ug/l 98
30) Chloroform	7.52	83	121018	19.570	ug/l 95
31) Cyclohexane	7.79	56	134927	20.662	ug/l 96
32) 1,1,1-Trichloroethane	7.71	97	103110	20.193	ug/l 99
36) 1,1-Dichloropropene	7.93	75	104750	21.123	ug/l 96
37) Ethyl Acetate	7.08	43	57470	20.070	ug/l 98
38) Carbon Tetrachloride	7.91	117	90259	20.437	ug/l 95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.18	83	132084	20.103	ug/l	97
40) Benzene	8.17	78	300676	20.815	ug/l	97
41) Methacrylonitrile	7.35	41	74762	49.538	ug/l #	1
42) 1,2-Dichloroethane	8.24	62	77877	20.500	ug/l	98
43) Isopropyl Acetate	8.28	43	104949	19.449	ug/l	98
44) Trichloroethene	8.94	130	75600	20.365	ug/l	99
45) 1,2-Dichloropropane	9.22	63	74824	20.622	ug/l	98
46) Dibromomethane	9.31	93	38753	20.442	ug/l	99
47) Bromodichloromethane	9.50	83	89125	20.012	ug/l	96
48) Methyl methacrylate	9.30	41	47457	20.000	ug/l	98
49) 1,4-Dioxane	9.32	88	9726	362.078	ug/l #	73
51) 4-Methyl-2-Pentanone	10.07	43	279919	100.400	ug/l	97
52) Toluene	10.24	92	186303	20.831	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	98525	20.592	ug/l	96
54) cis-1,3-Dichloropropene	9.93	75	116838	20.659	ug/l	95
55) 1,1,2-Trichloroethane	10.64	97	59117	21.107	ug/l	94
56) Ethyl methacrylate	10.51	69	82423	20.571	ug/l	97
57) 1,3-Dichloropropane	10.79	76	102666	21.031	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.78	63	156783	97.045	ug/l	100
59) 2-Hexanone	10.83	43	194443	95.710	ug/l	97
60) Dibromochloromethane	10.99	129	62286	20.658	ug/l	98
61) 1,2-Dibromoethane	11.09	107	55577	21.055	ug/l	99
64) Tetrachloroethene	10.72	164	81881	20.909	ug/l	97
65) Chlorobenzene	11.52	112	190834	20.368	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.59	131	64325	20.372	ug/l	99
67) Ethyl Benzene	11.59	91	355824	20.392	ug/l	99
68) m/p-Xylenes	11.70	106	268997	41.072	ug/l	100
69) o-Xylene	12.03	106	127555	20.888	ug/l	98
70) Styrene	12.04	104	216571	20.712	ug/l	99
71) Bromoform	12.20	173	35328	19.838	ug/l #	98
73) Isopropylbenzene	12.33	105	338989	20.183	ug/l	100
74) N-amyl acetate	12.14	43	91212	19.511	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.58	83	62474	18.878	ug/l	97
76) 1,2,3-Trichloropropane	12.63	75	90315	37.789	ug/l #	100
77) Bromobenzene	12.61	156	72882	20.019	ug/l	99
78) n-propylbenzene	12.67	91	411175	20.050	ug/l	99
79) 2-Chlorotoluene	12.75	91	226781	20.017	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	279837	20.123	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	22412	18.420	ug/l	95
82) 4-Chlorotoluene	12.85	91	235431	20.170	ug/l	99
83) tert-Butylbenzene	13.08	119	236769	20.251	ug/l	100
84) 1,2,4-Trimethylbenzene	13.12	105	282486	20.304	ug/l	98
85) sec-Butylbenzene	13.25	105	344253	20.245	ug/l	100
86) p-Isopropyltoluene	13.37	119	300742	20.335	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	144143	20.182	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	143200	20.250	ug/l	99
89) n-Butylbenzene	13.70	91	303953	20.327	ug/l	100
90) Hexachloroethane	13.96	117	55527	20.381	ug/l	98
91) 1,2-Dichlorobenzene	13.74	146	132127	20.567	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	10926	19.720	ug/l	93

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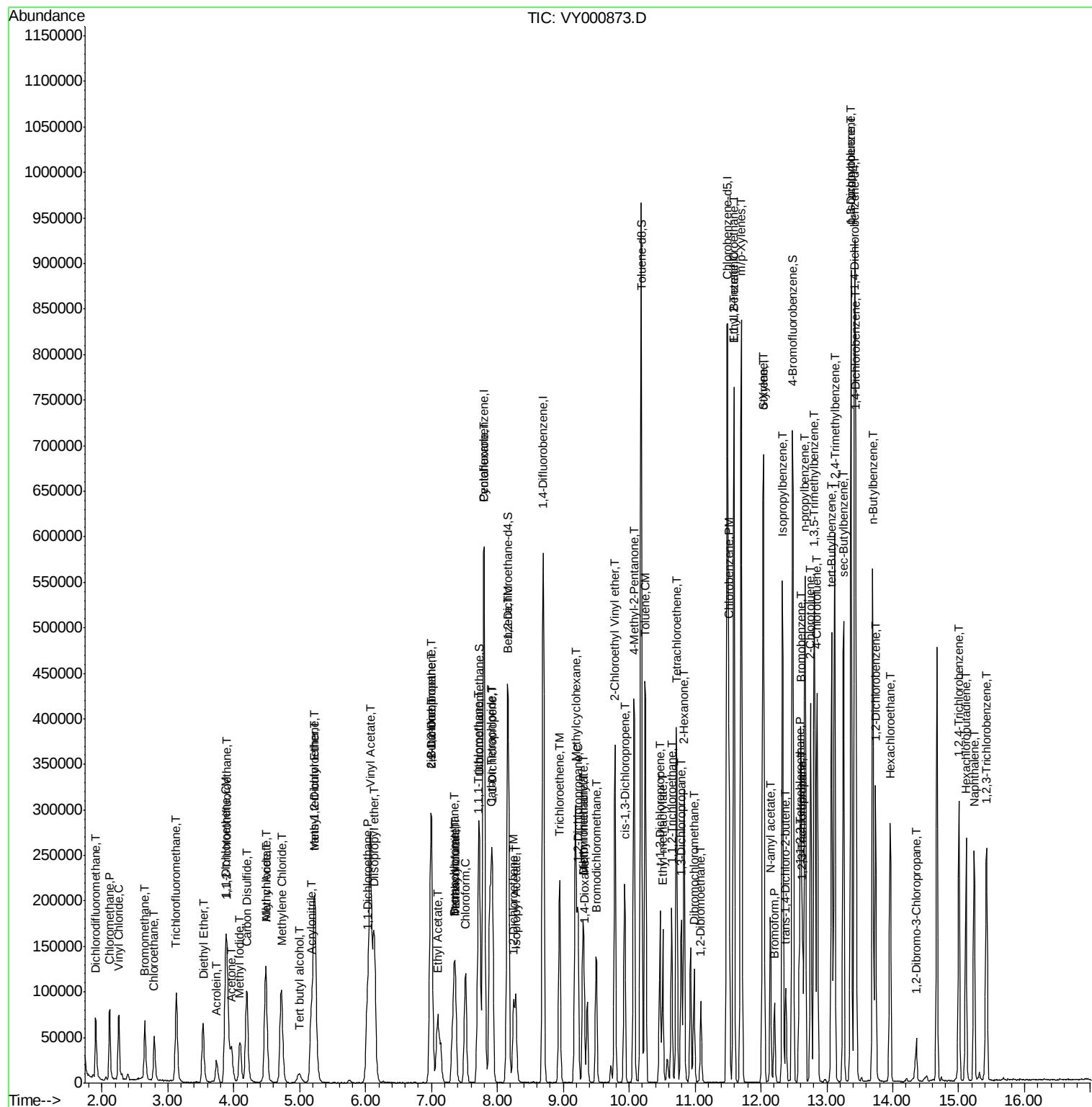
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	88469	20.351	ug/l	99
94) Hexachlorobutadiene	15.11	225	44487	20.641	ug/l	98
95) Naphthalene	15.23	128	199747	19.789	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	79895	20.576	ug/l	98

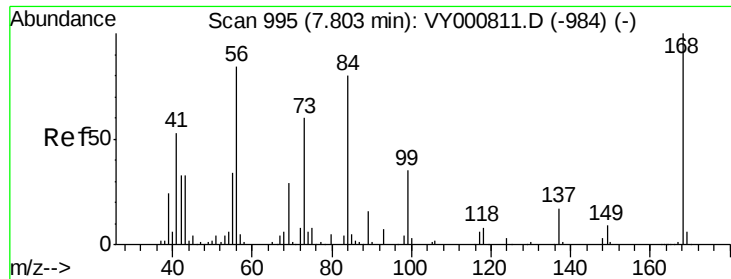
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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 Data File : VY000873.D
 Acq On : 05 Dec 2019 11:36
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.01 min

Lab File: VY000873.D

Acq: 05 Dec 2019 11:36

Instrument :

MSVOA_Y

ClientSampleId :

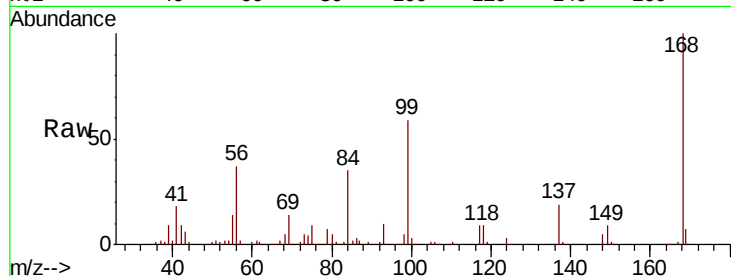
VY1205SBS01

Tot Ion:168 Resp: 289440

Ion Ratio Lower Upper

168 100

99 58.8 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): VY000811.D (-984) (-)

Ion 98.90 (98.60 to 99.60): VY000811.D (-984) (-)

7.80

150000

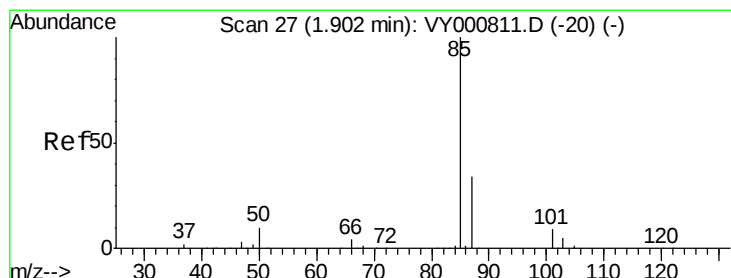
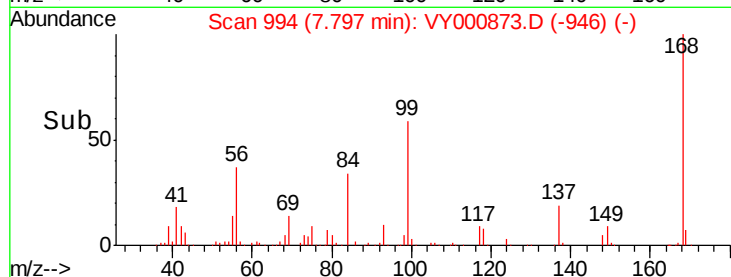
100000

50000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 19.141 ug/l

RT: 1.90 min Scan# 27

Delta R.T. -0.00 min

Lab File: VY000873.D

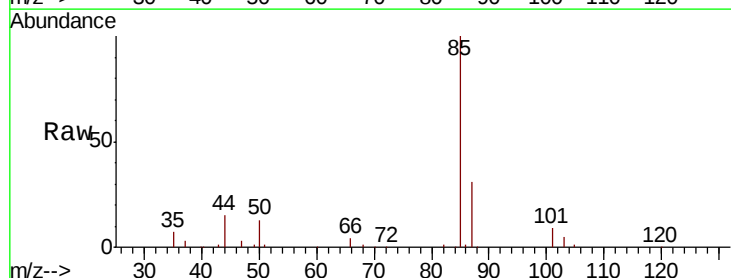
Acq: 05 Dec 2019 11:36

Tgt Ion: 85 Resp: 59638

Ion Ratio Lower Upper

85 100

87 31.5 16.8 50.3



Abundance Ion 84.90 (84.60 to 85.60): VY000811.D (-20) (-)

Ion 86.90 (86.60 to 87.60): VY000811.D (-20) (-)

1.90

40000

30000

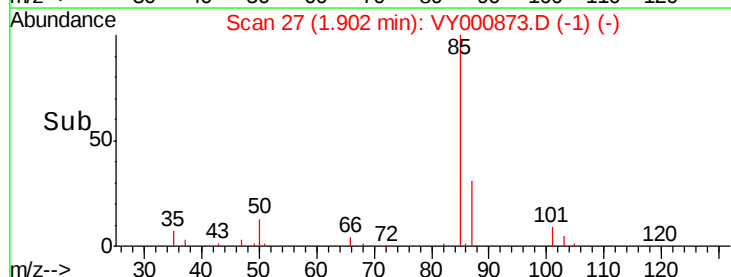
20000

10000

0

1.85 1.90 1.95 2.00

Time-->





#3

Chloromethane

Concen: 20.512 ug/l

RT: 2.12 min Scan# 62

Delta R.T. -0.00 min

Lab File: VY000873.D

Acq: 05 Dec 2019 11:36

Instrument :

MSVOA_Y

ClientSampleId :

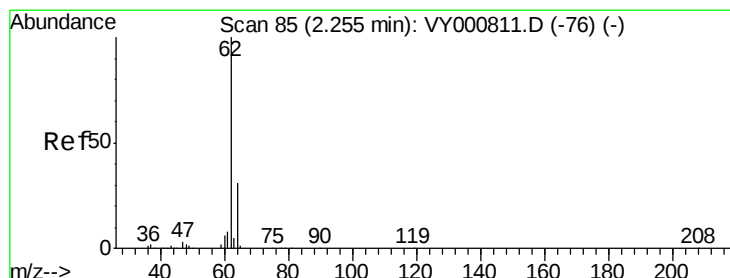
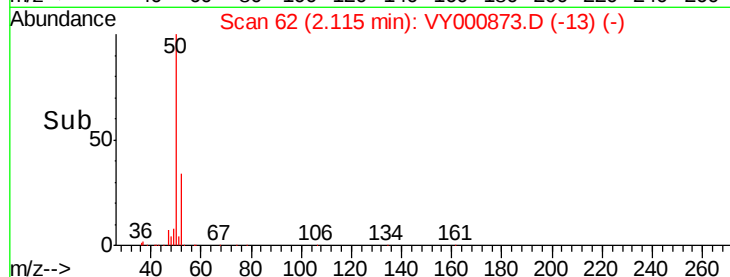
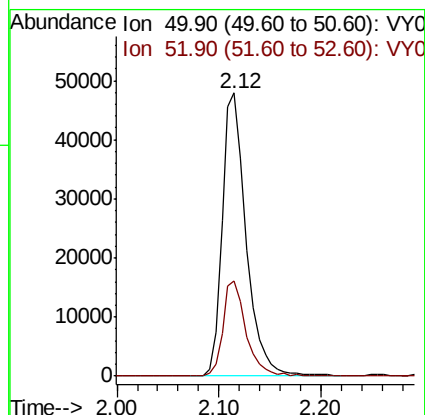
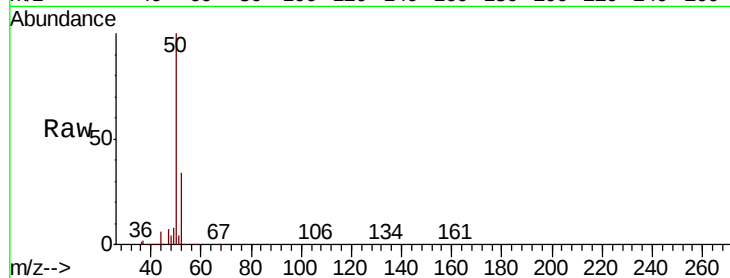
VY1205SBS01

Tot Ion: 50 Resp: 78780

Ion Ratio Lower Upper

50 100

52 33.7 26.0 39.0



#4

Vinyl Chloride

Concen: 20.518 ug/l

RT: 2.26 min Scan# 85

Delta R.T. -0.00 min

Lab File: VY000873.D

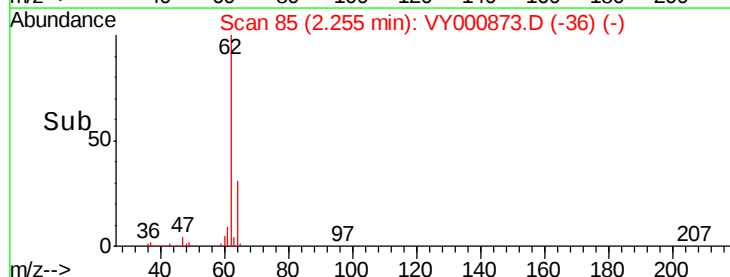
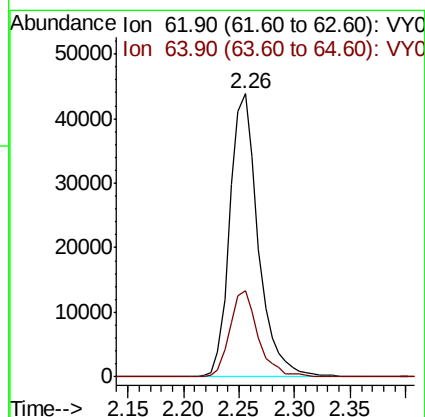
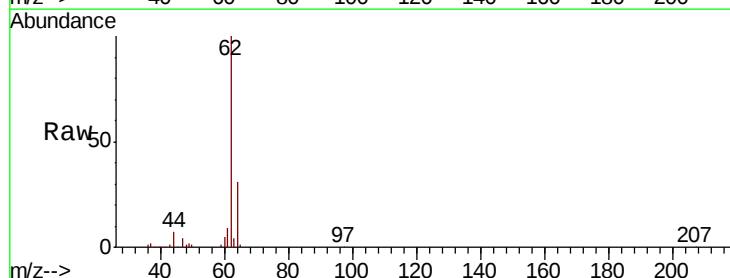
Acq: 05 Dec 2019 11:36

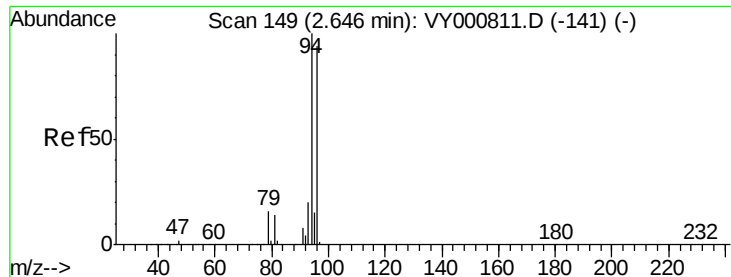
Tgt Ion: 62 Resp: 77665

Ion Ratio Lower Upper

62 100

64 30.5 25.1 37.7





#5

Bromomethane

Concen: 16.070 ug/l

RT: 2.65 min Scan# 150

Delta R.T. 0.01 min

Lab File: VY000873.D

Acq: 05 Dec 2019 11:36

Instrument :

MSVOA_Y

ClientSampleId :

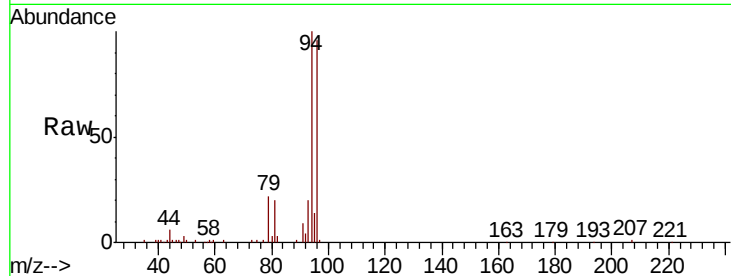
VY1205SBS01

Tot Ion: 94 Resp: 39993

Ion Ratio Lower Upper

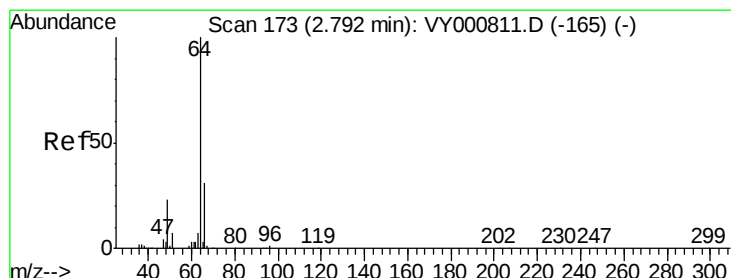
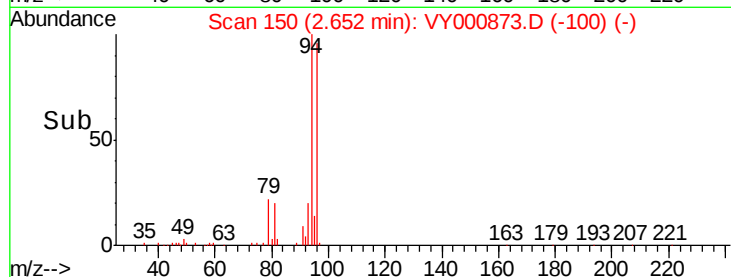
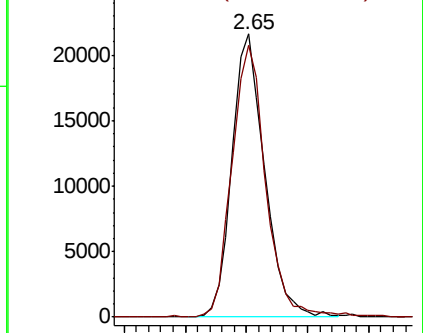
94 100

96 96.0 75.2 112.8



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 20.199 ug/l

RT: 2.79 min Scan# 173

Delta R.T. -0.00 min

Lab File: VY000873.D

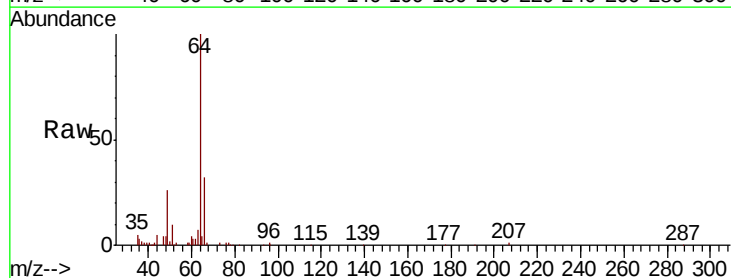
Acq: 05 Dec 2019 11:36

Tgt Ion: 64 Resp: 46877

Ion Ratio Lower Upper

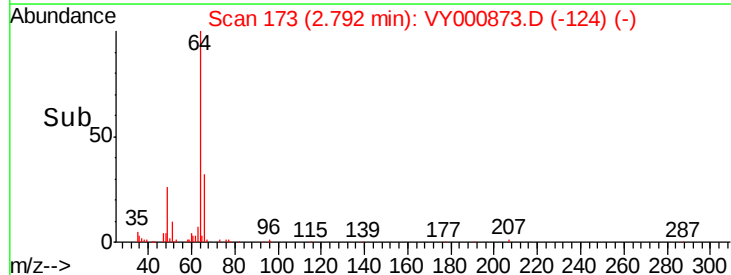
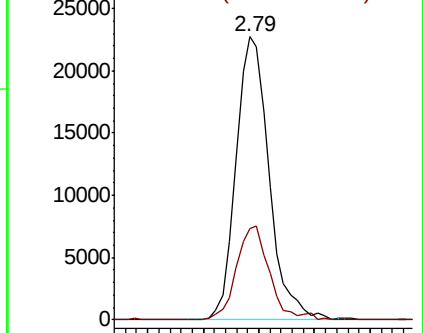
64 100

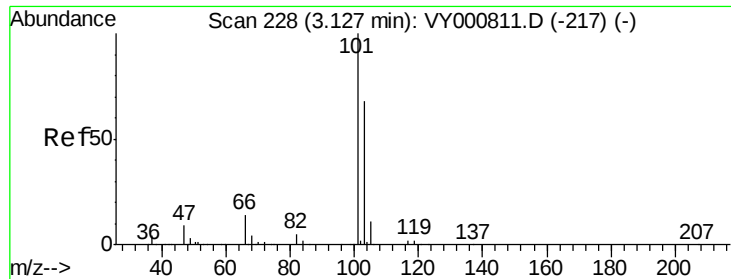
66 32.1 25.0 37.4



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0



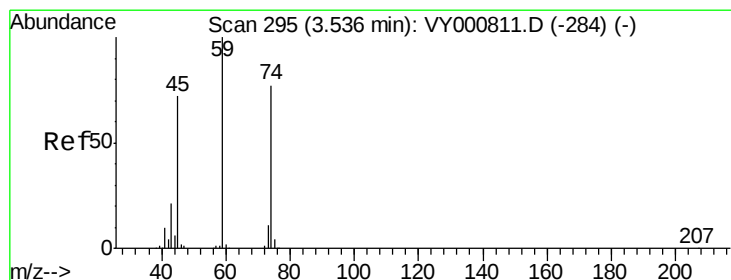
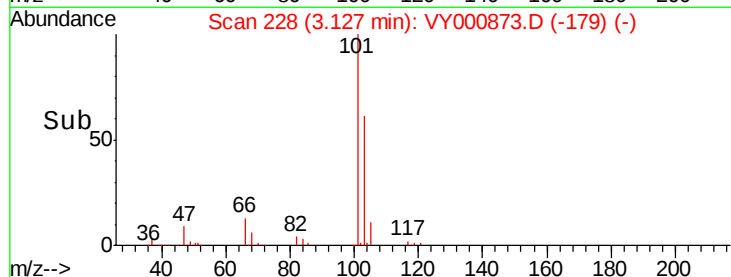
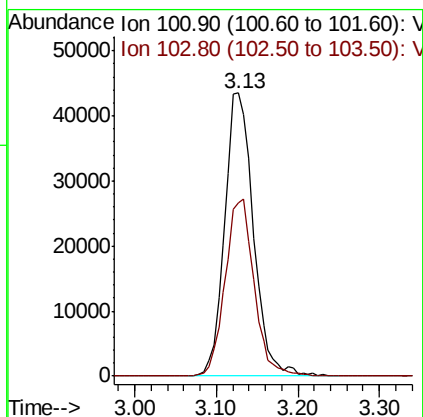
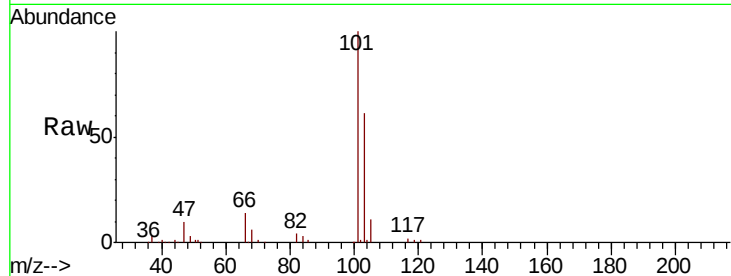


#7

Trichlorofluoromethane
 Concen: 20.388 ug/l
 RT: 3.13 min Scan# 228
 Delta R.T. -0.00 min
 Lab File: VY000873.D
 Acq: 05 Dec 2019 11:36

Instrument :
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 VY1205SBS01

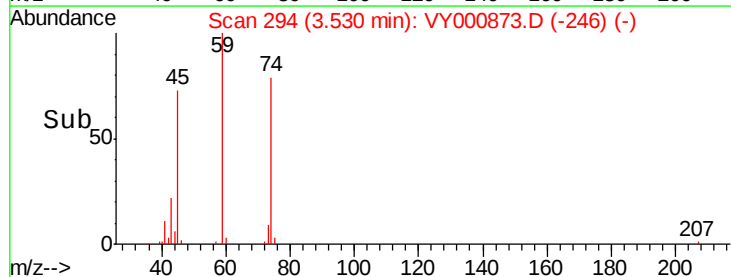
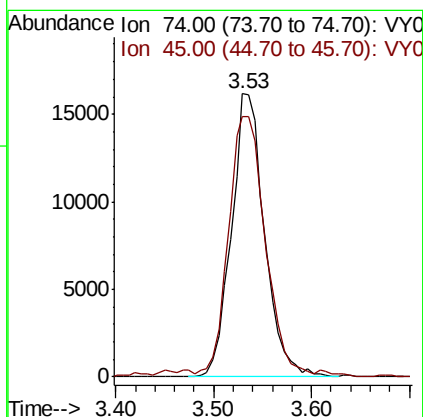
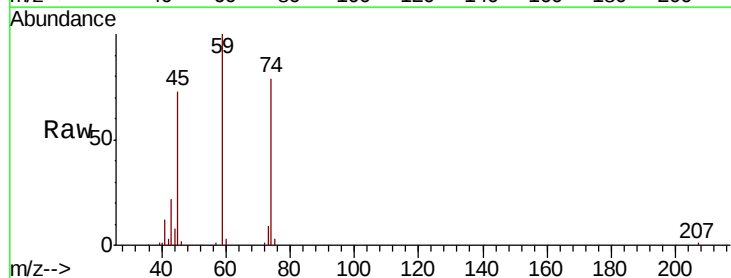
Tot Ion:101 Resp: 105761
 Ion Ratio Lower Upper
 101 100
 103 61.0 54.2 81.2

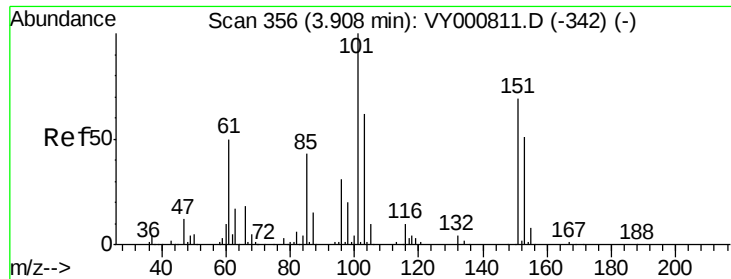


#8

Diethyl Ether
 Concen: 19.418 ug/l
 RT: 3.53 min Scan# 294
 Delta R.T. -0.01 min
 Lab File: VY000873.D
 Acq: 05 Dec 2019 11:36

Tgt Ion: 74 Resp: 37912
 Ion Ratio Lower Upper
 74 100
 45 100.5 49.0 147.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.676 ug/l

RT: 3.90 min Scan# 355

Delta R.T. -0.01 min

Lab File: VY000873.D

Acq: 05 Dec 2019 11:36

Instrument :

MSVOA_Y

ClientSampleId :

VY1205SBS01

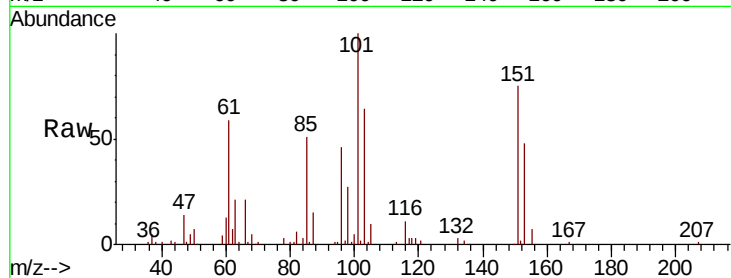
Tot Ion:101 Resp: 63030

Ion Ratio Lower Upper

101 100

85 47.1 36.0 54.0

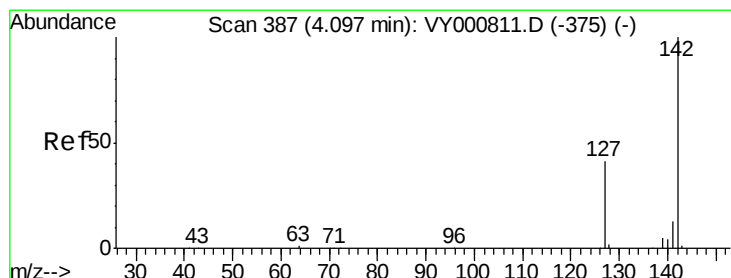
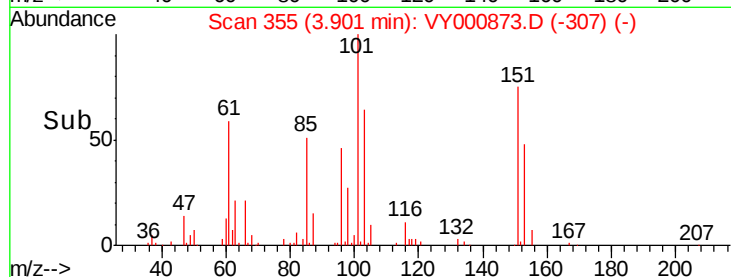
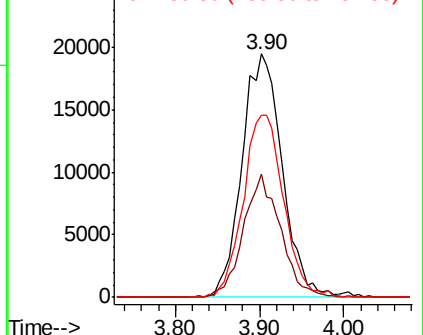
151 75.4 58.2 87.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VY0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 18.577 ug/l

RT: 4.09 min Scan# 386

Delta R.T. -0.01 min

Lab File: VY000873.D

Acq: 05 Dec 2019 11:36

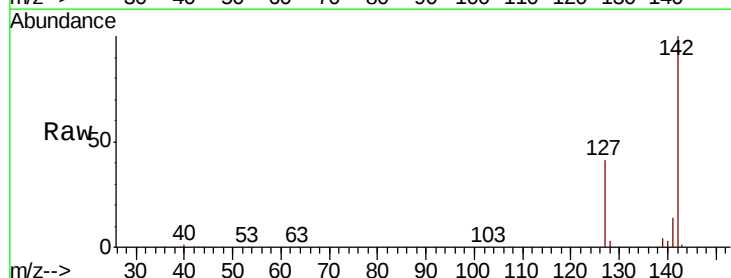
Tgt Ion:142 Resp: 74925

Ion Ratio Lower Upper

142 100

127 42.7 33.8 50.8

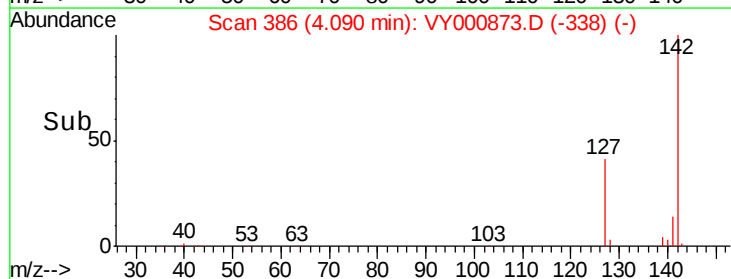
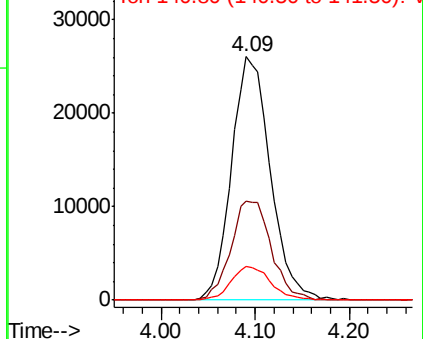
141 14.1 10.9 16.3

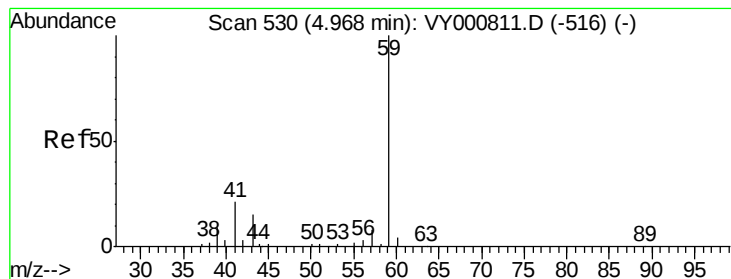


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



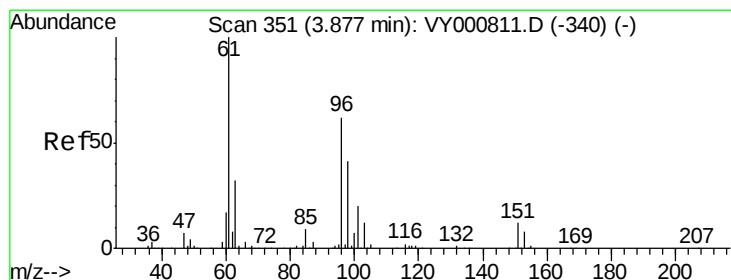
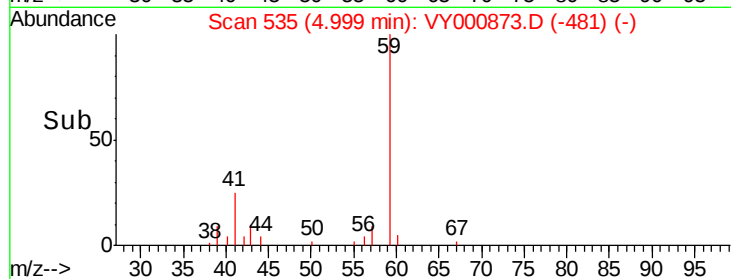
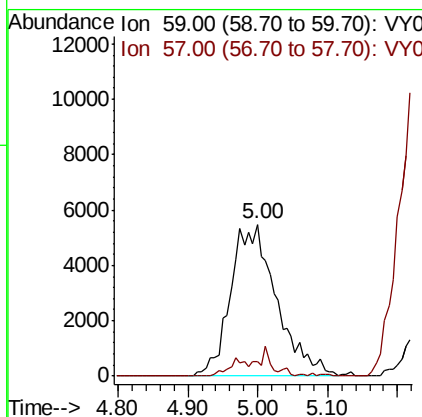
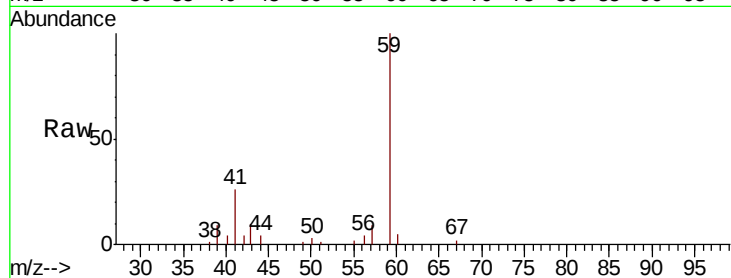


#11

Tert butyl alcohol
 Concen: 80.838 ug/l
 RT: 5.00 min Scan# 535
 Delta R.T. 0.03 min
 Lab File: VY000873.D
 Acq: 05 Dec 2019 11:36

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1205SBS01

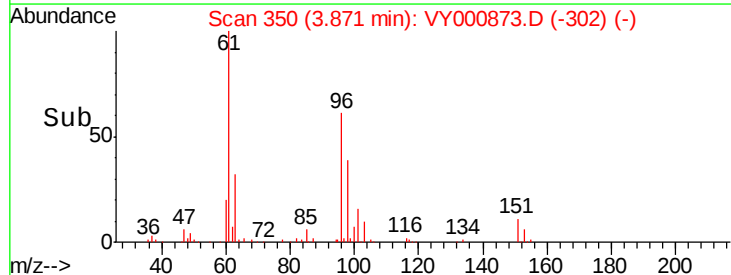
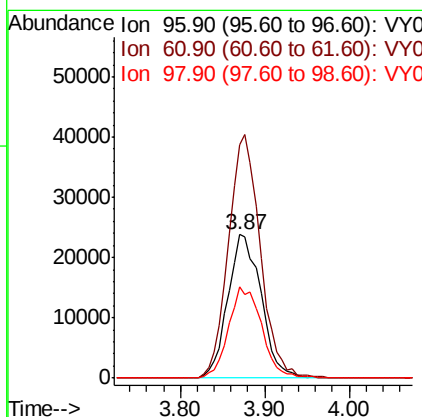
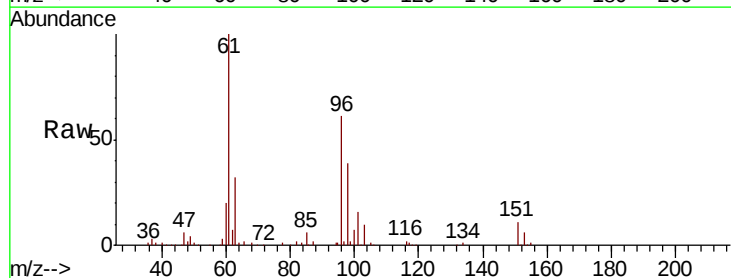
Tot Ion: 59 Resp: 25013
 Ion Ratio Lower Upper
 59 100
 57 0.0 7.8 11.6#

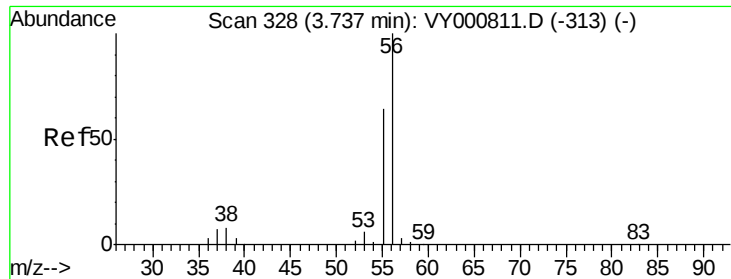


#12

1,1-Dichloroethene
 Concen: 20.156 ug/l
 RT: 3.87 min Scan# 350
 Delta R.T. -0.01 min
 Lab File: VY000873.D
 Acq: 05 Dec 2019 11:36

Tgt Ion: 96 Resp: 63968
 Ion Ratio Lower Upper
 96 100
 61 163.0 129.4 194.2
 98 63.6 53.4 80.0

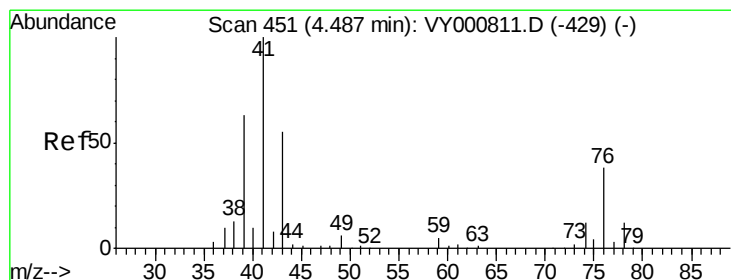
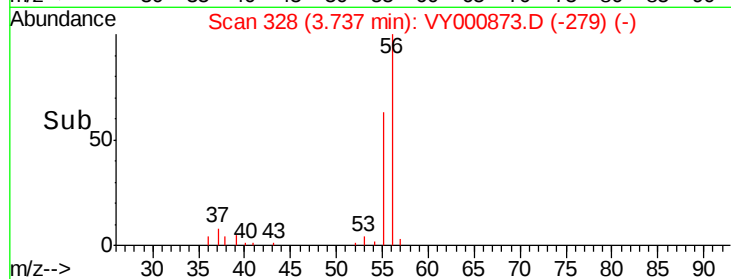
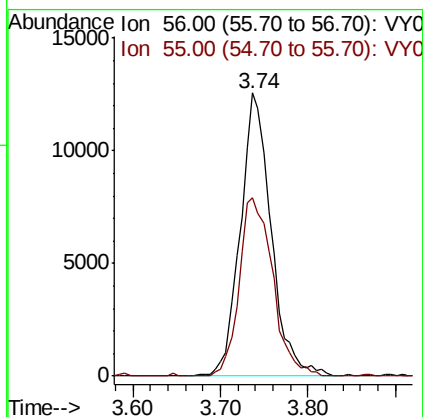
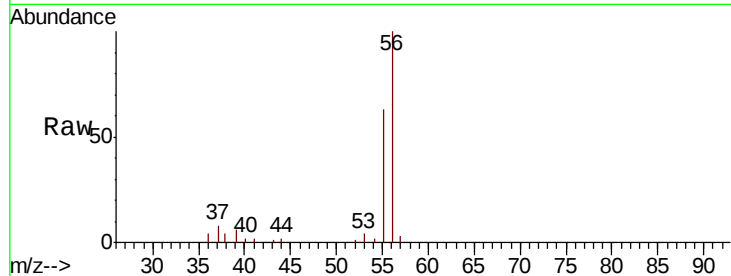




#13
 Acrolein
 Concen: 100.951 ug/l
 RT: 3.74 min Scan# 328
 Delta R.T. -0.00 min
 Lab File: VY000873.D
 Acq: 05 Dec 2019 11:36

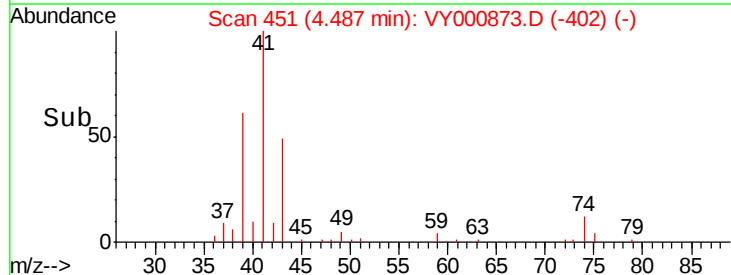
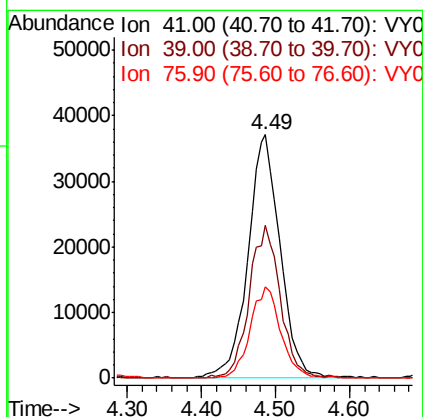
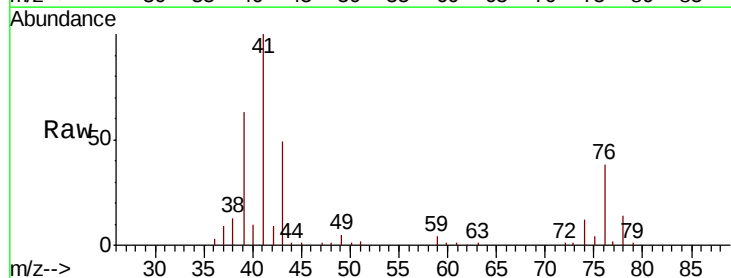
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1205SBS01

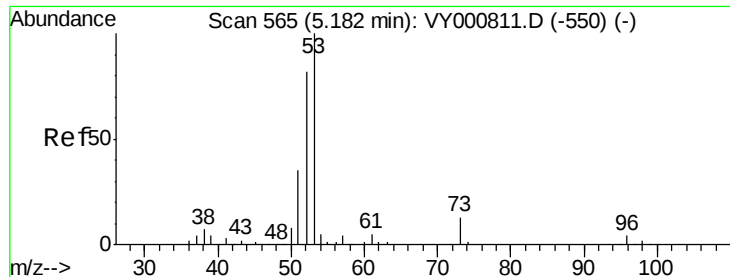
Tot Ion: 56 Resp: 30770
 Ion Ratio Lower Upper
 56 100
 55 68.7 55.7 83.5



#14
 Allyl chloride
 Concen: 20.633 ug/l
 RT: 4.49 min Scan# 451
 Delta R.T. -0.00 min
 Lab File: VY000873.D
 Acq: 05 Dec 2019 11:36

Tgt Ion: 41 Resp: 112274
 Ion Ratio Lower Upper
 41 100
 39 60.4 49.2 73.8
 76 35.8 29.2 43.8





#15

Acrylonitrile

Concen: 96.833 ug/l

RT: 5.18 min Scan# 564

Delta R.T. -0.01 min

Lab File: VY000873.D

Acq: 05 Dec 2019 11:36

Instrument :

MSVOA_Y

ClientSampleId :

VY1205SBS01

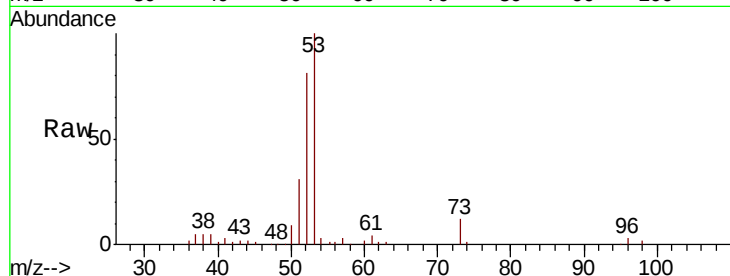
Tot Ion: 53 Resp: 97625

Ion Ratio Lower Upper

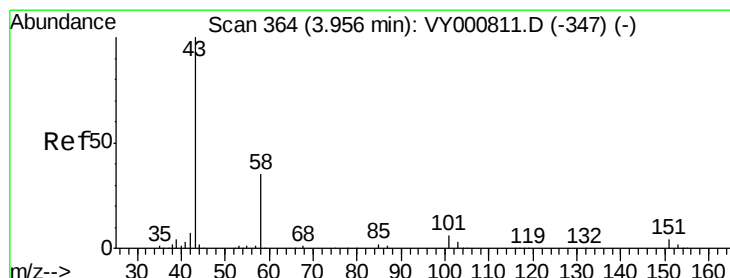
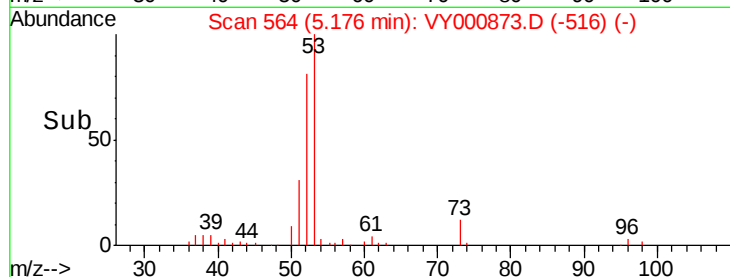
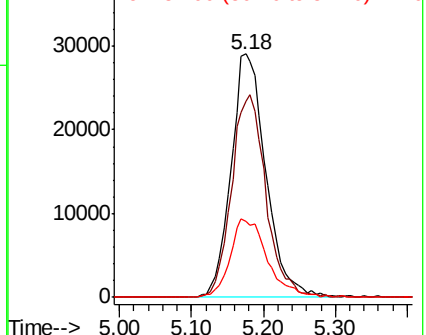
53 100

52 81.8 65.1 97.7

51 34.5 29.0 43.4



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



#16

Acetone

Concen: 96.145 ug/l

RT: 3.96 min Scan# 365

Delta R.T. 0.01 min

Lab File: VY000873.D

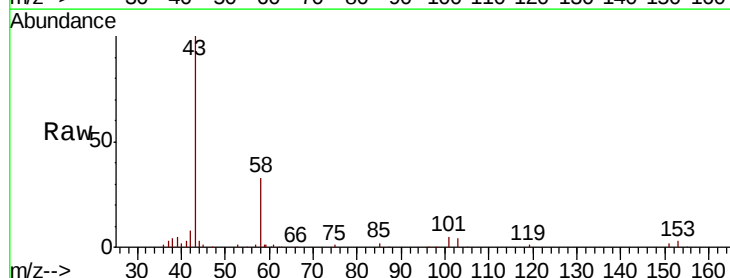
Acq: 05 Dec 2019 11:36

Tgt Ion: 43 Resp: 67833

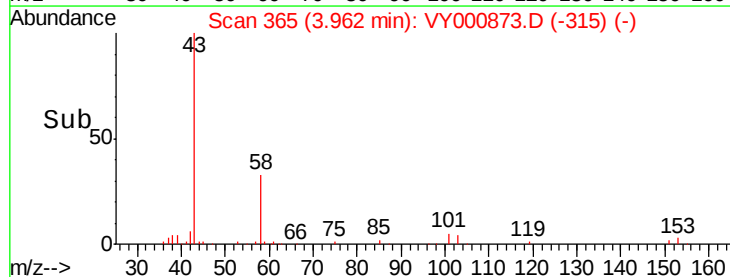
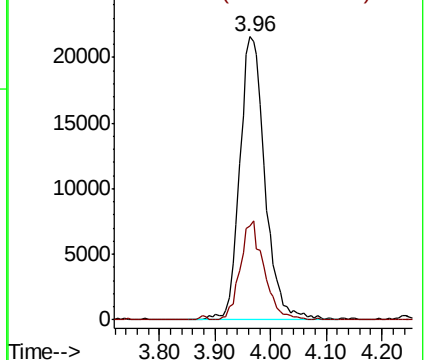
Ion Ratio Lower Upper

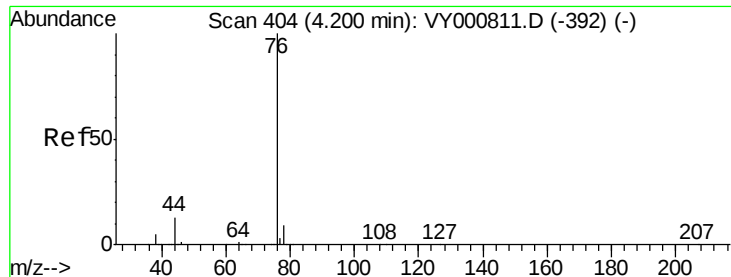
43 100

58 33.1 28.0 42.0



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

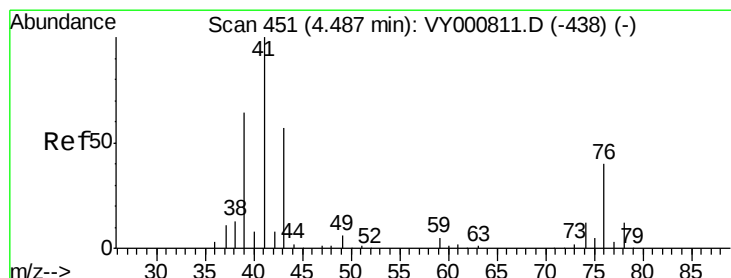
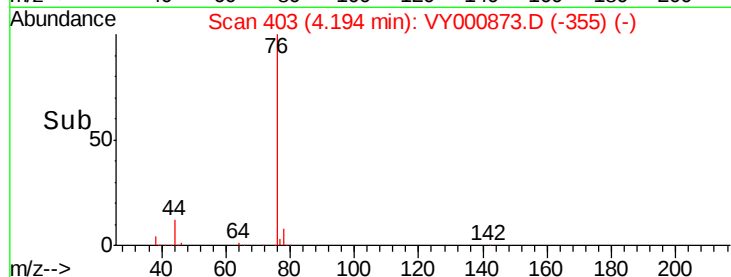
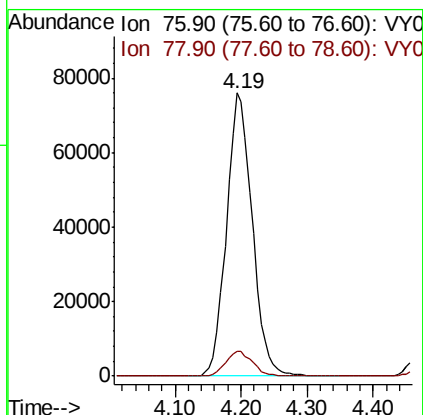
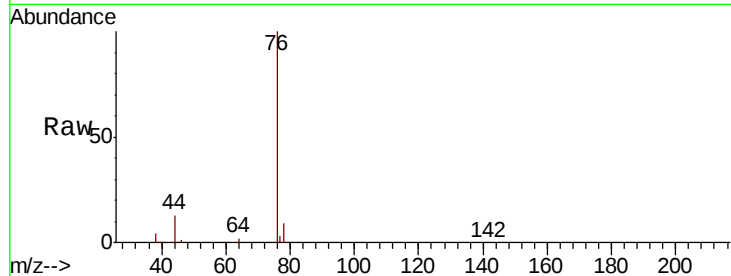




#17
Carbon Disulfide
Concen: 19.926 ug/l
RT: 4.19 min Scan# 403
Delta R.T. -0.01 min
Lab File: VY000873.D
Acq: 05 Dec 2019 11:36

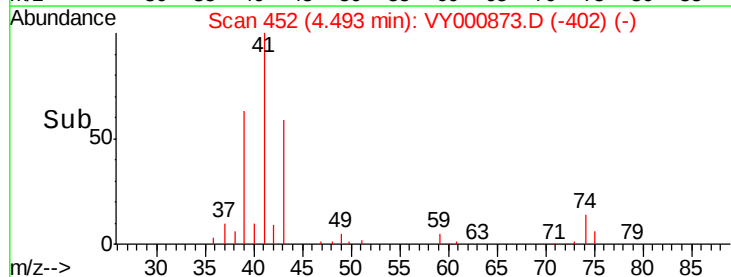
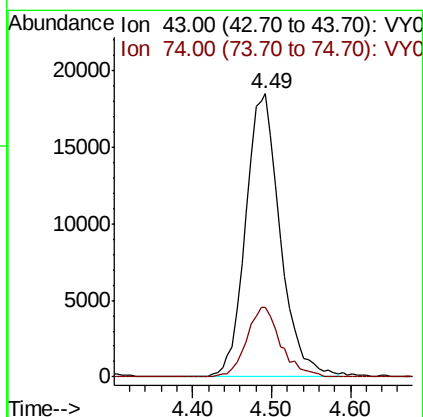
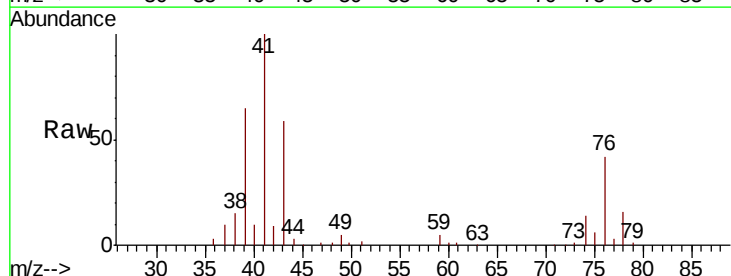
Instrument :
MSVOA_Y
ClientSampleId :
VY1205SBS01

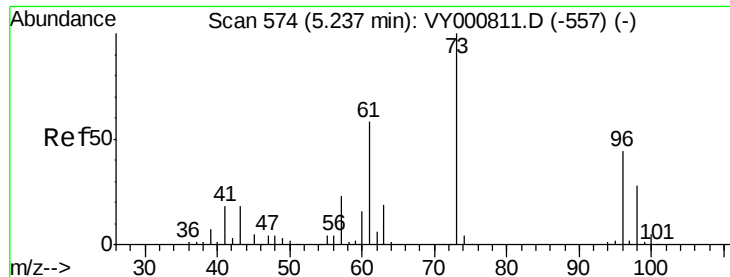
Tot Ion: 76 Resp: 204520
Ion Ratio Lower Upper
76 100
78 8.9 7.3 10.9



#18
Methyl Acetate
Concen: 19.103 ug/l
RT: 4.49 min Scan# 452
Delta R.T. 0.01 min
Lab File: VY000873.D
Acq: 05 Dec 2019 11:36

Tgt Ion: 43 Resp: 56355
Ion Ratio Lower Upper
43 100
74 24.2 18.5 27.7

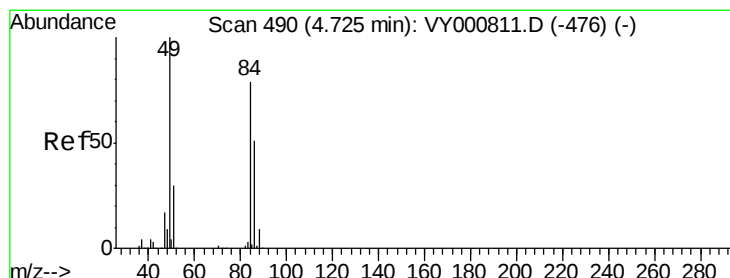
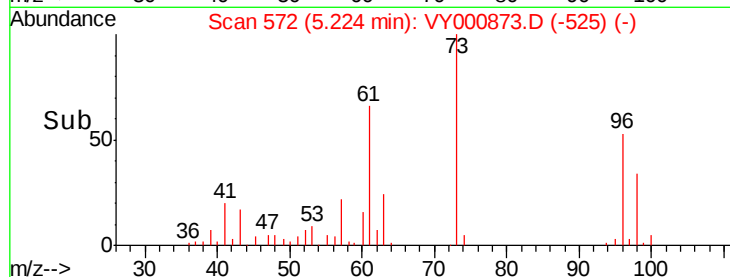
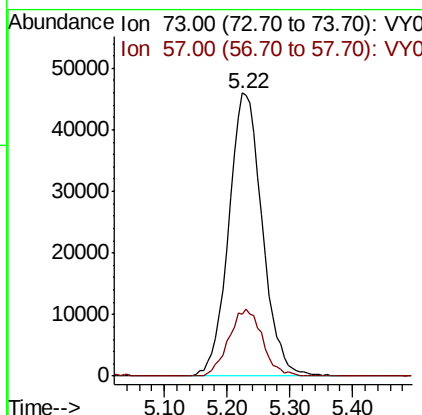
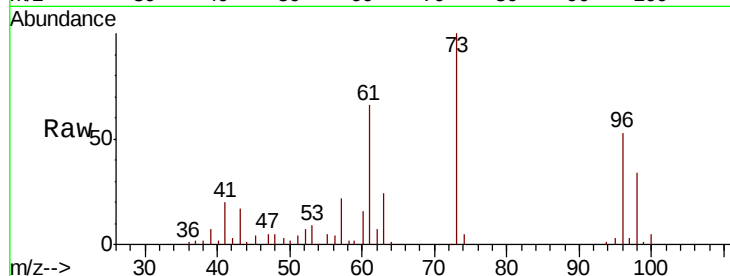




#19
Methvl tert-butvl Ether
Concen: 20.031 ug/l
RT: 5.22 min Scan# 572
Delta R.T. -0.01 min
Lab File: VY000873.D
Acq: 05 Dec 2019 11:36

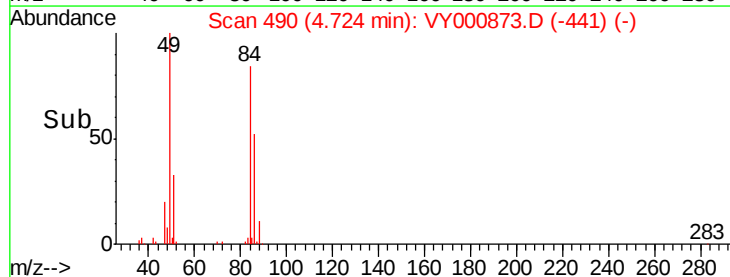
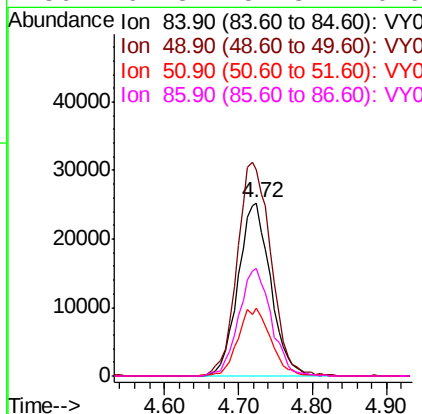
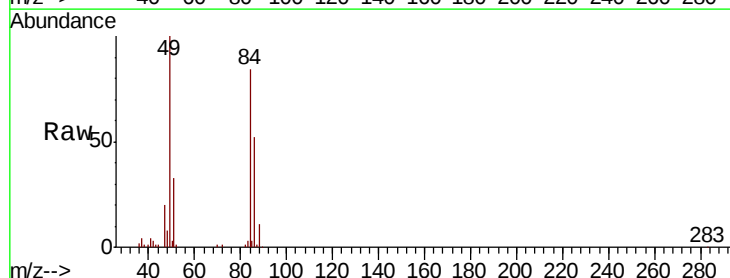
Instrument :
MSVOA_Y
ClientSampleId :
VY1205SBS01

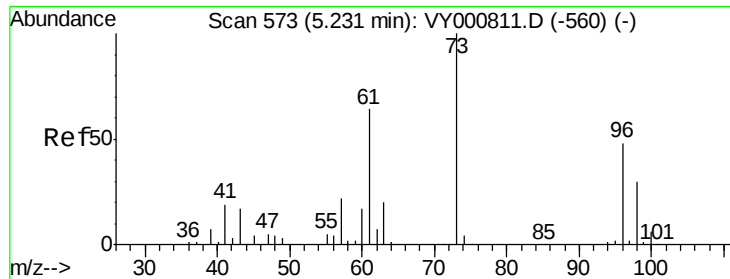
Tot Ion: 73 Resp: 169768
Ion Ratio Lower Upper
73 100
57 21.8 18.2 27.4



#20
Methylene Chloride
Concen: 20.806 ug/l
RT: 4.72 min Scan# 490
Delta R.T. -0.00 min
Lab File: VY000873.D
Acq: 05 Dec 2019 11:36

Tgt Ion: 84 Resp: 77378
Ion Ratio Lower Upper
84 100
49 119.0 101.3 151.9
51 38.9 30.6 45.8
86 62.3 51.3 76.9





#21

trans-1,2-Dichloroethene

Concen: 20.555 ug/l

RT: 5.22 min Scan# 572

Delta R.T. -0.01 min

Lab File: VY000873.D

Acq: 05 Dec 2019 11:36

Instrument :

MSVOA_Y

ClientSampleId :

VY1205SBS01

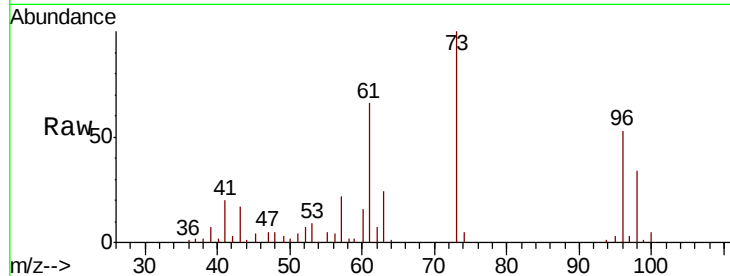
Tot Ion: 96 Resp: 74144

Ion Ratio Lower Upper

96 100

61 123.3 105.9 158.9

98 64.0 49.4 74.2

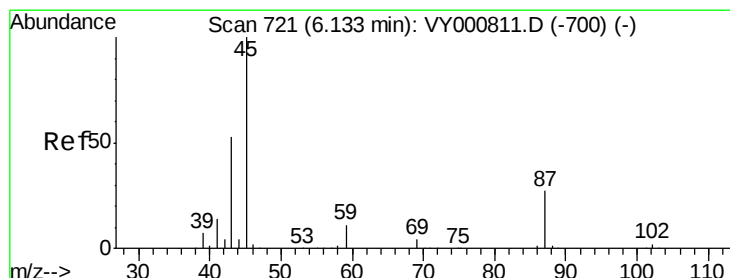
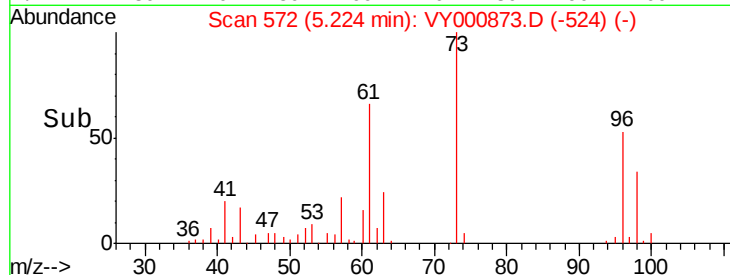
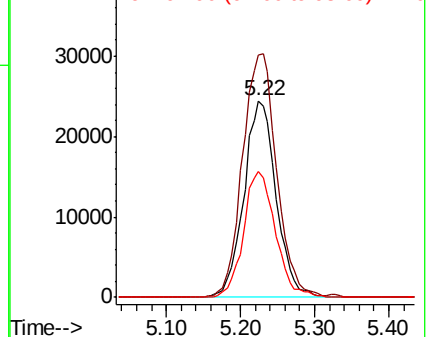


Abundance

Ion 95.90 (95.60 to 96.60): VY0

Ion 60.90 (60.60 to 61.60): VY0

Ion 97.90 (97.60 to 98.60): VY0



#22

Diisopropyl ether

Concen: 20.829 ug/l

RT: 6.13 min Scan# 721

Delta R.T. -0.00 min

Lab File: VY000873.D

Acq: 05 Dec 2019 11:36

Tgt Ion: 45 Resp: 232955

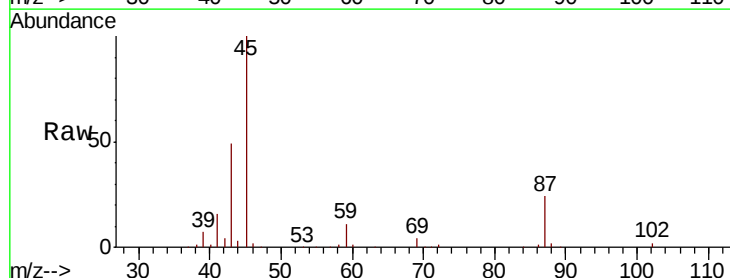
Ion Ratio Lower Upper

45 100

43 48.9 42.7 64.1

87 24.4 22.0 33.0

59 11.1 8.9 13.3



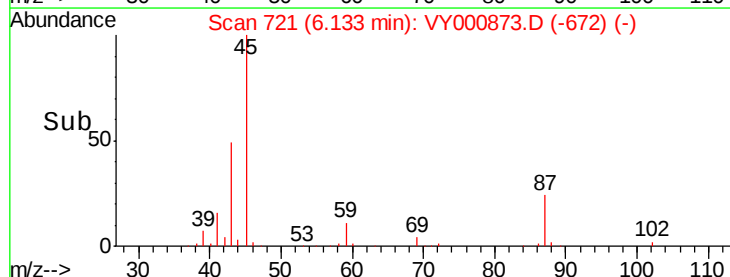
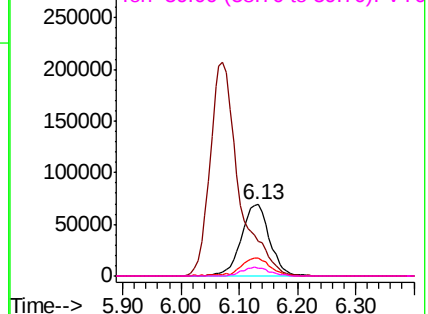
Abundance

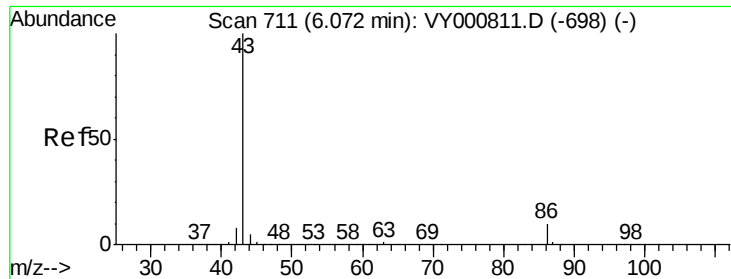
Ion 45.00 (44.70 to 45.70): VY0

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: 103.487 ug/l

RT: 6.07 min Scan# 711

Delta R.T. -0.00 min

Lab File: VY000873.D

Acq: 05 Dec 2019 11:36

Instrument :

MSVOA_Y

ClientSampleId :

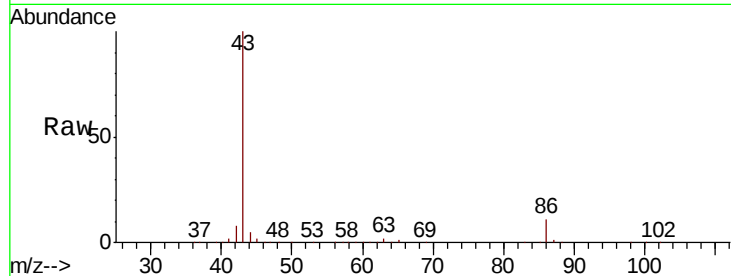
VY1205SBS01

Tot Ion: 43 Resp: 703632

Ion Ratio Lower Upper

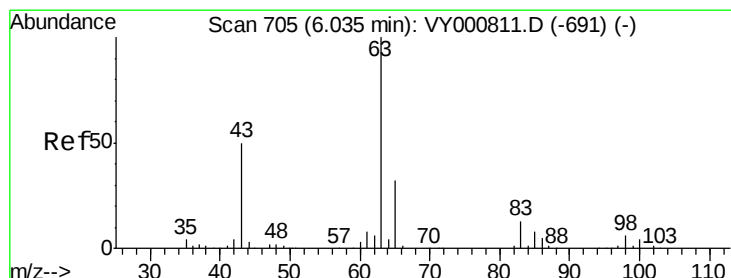
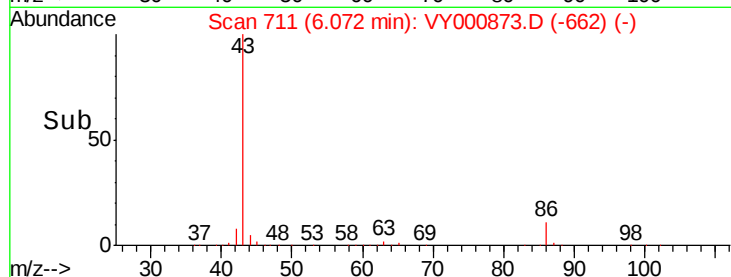
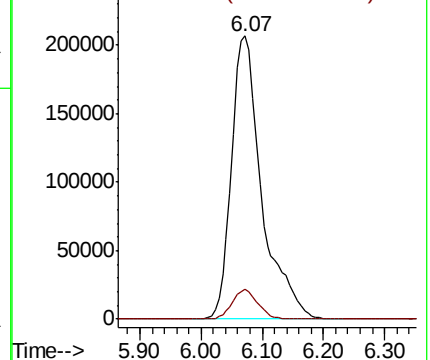
43 100

86 10.6 8.3 12.5



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0



#24

1,1-Dichloroethane

Concen: 20.859 ug/l

RT: 6.03 min Scan# 704

Delta R.T. -0.01 min

Lab File: VY000873.D

Acq: 05 Dec 2019 11:36

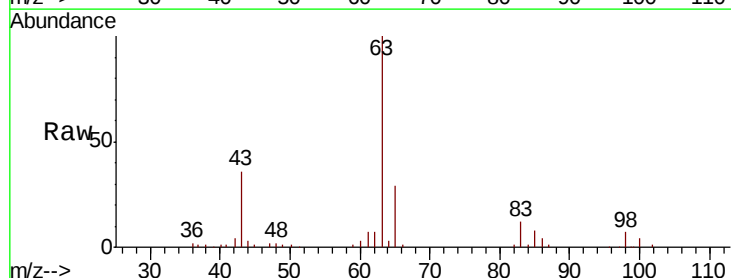
Tgt Ion: 63 Resp: 128581

Ion Ratio Lower Upper

63 100

98 6.9 3.3 9.8

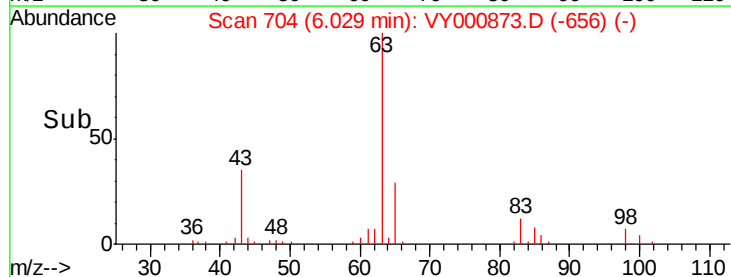
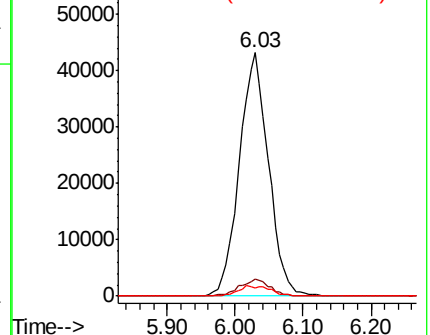
100 3.5 2.2 6.6

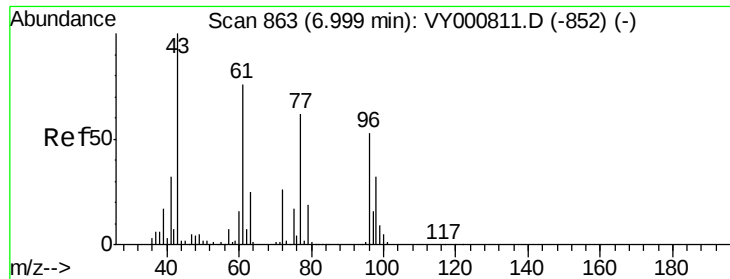


Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0





#25

2-Butanone

Concen: 92.333 ug/l

RT: 7.00 min Scan# 863

Delta R.T. -0.00 min

Lab File: VY000873.D

Acq: 05 Dec 2019 11:36

Instrument :

MSVOA_Y

ClientSampleId :

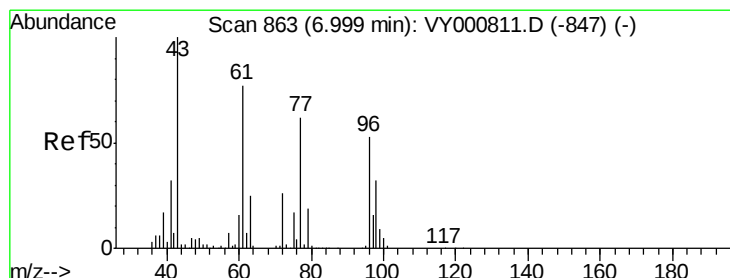
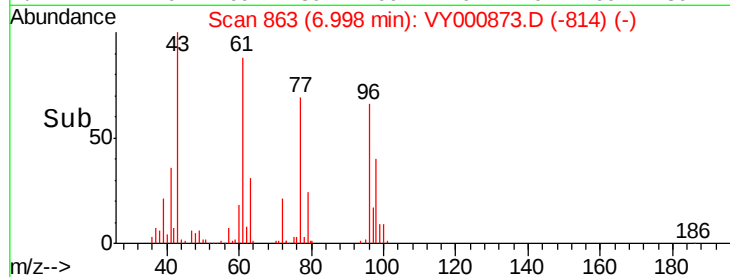
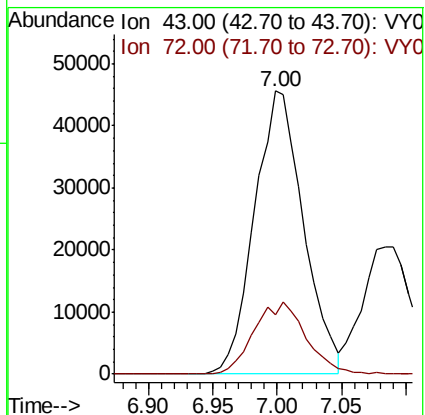
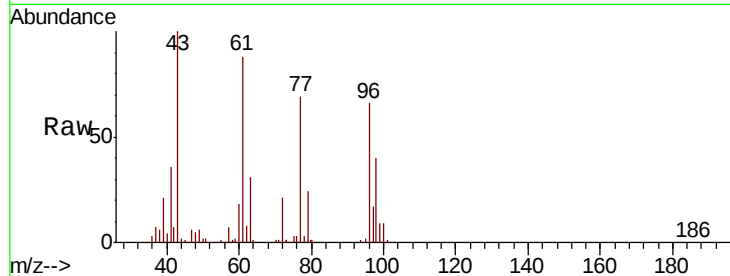
VY1205SBS01

Tot Ion: 43 Resp: 120337

Ion Ratio Lower Upper

43 100

72 21.2 21.0 31.4



#26

2,2-Dichloropropane

Concen: 19.685 ug/l

RT: 6.99 min Scan# 862

Delta R.T. -0.01 min

Lab File: VY000873.D

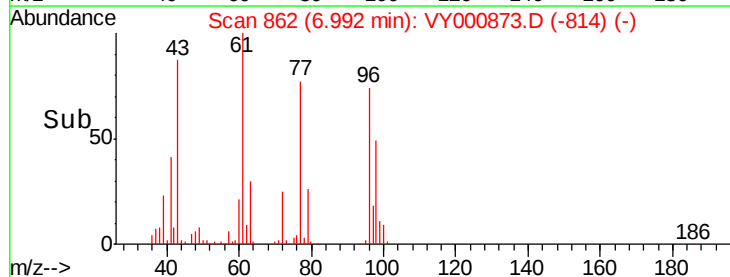
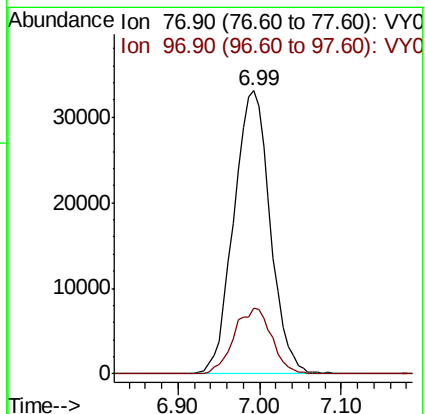
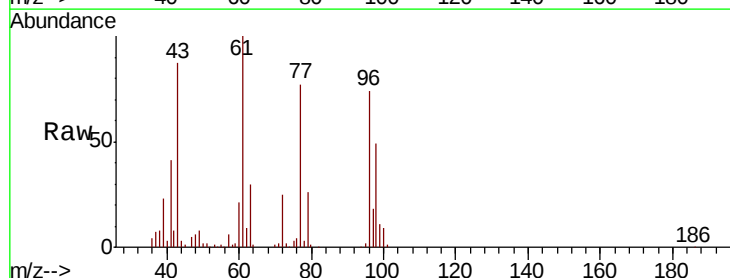
Acq: 05 Dec 2019 11:36

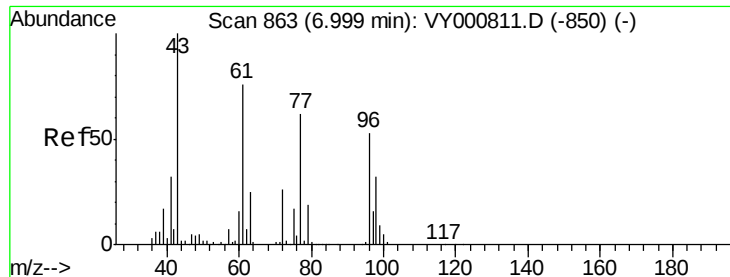
Tgt Ion: 77 Resp: 102129

Ion Ratio Lower Upper

77 100

97 23.8 11.9 35.9



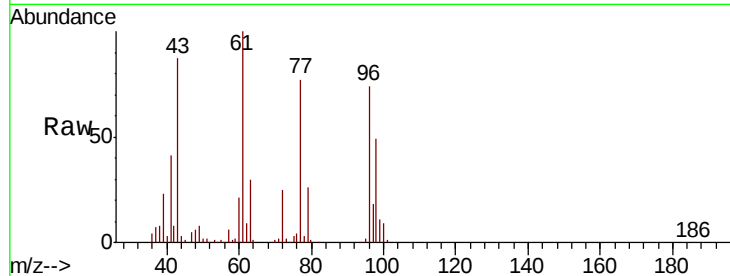


#27

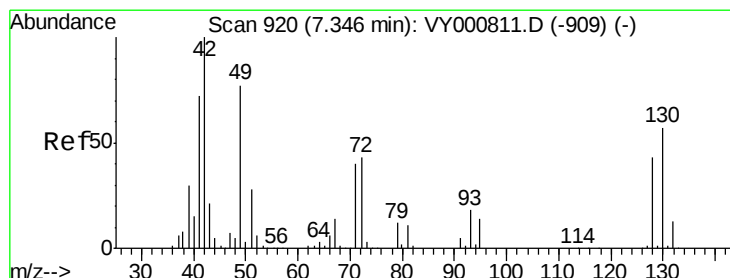
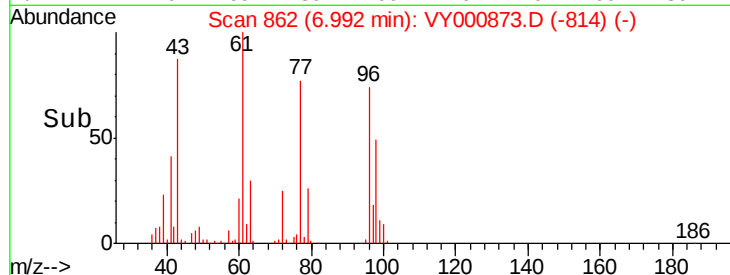
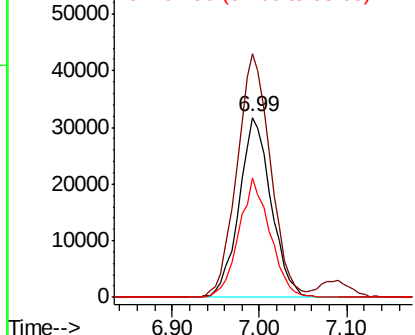
cis-1,2-Dichloroethene
Concen: 20.748 ug/l
RT: 6.99 min Scan# 862
Delta R.T. -0.01 min
Lab File: VY000873.D
Acq: 05 Dec 2019 11:36

Instrument :
MSVOA_Y
ClientSampleId :
VY1205SBS01

Tot Ion: 96 Resp: 80897
Ion Ratio Lower Upper
96 100
61 141.5 0.0 285.0
98 64.6 0.0 128.0



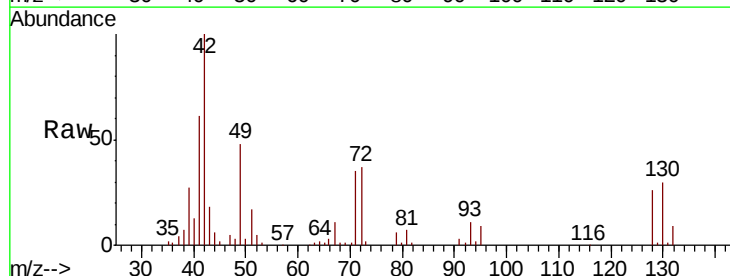
Abundance Ion 95.90 (95.60 to 96.60): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 97.90 (97.60 to 98.60): VY0



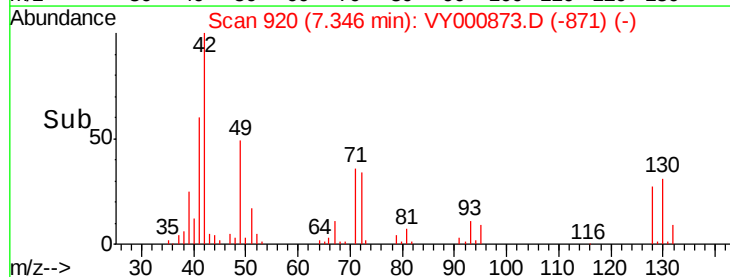
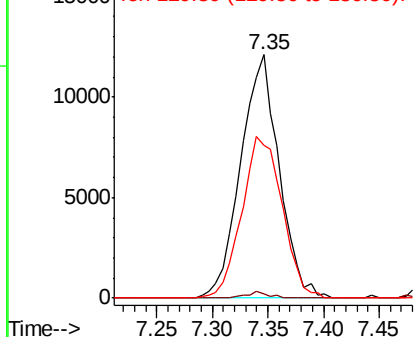
#28

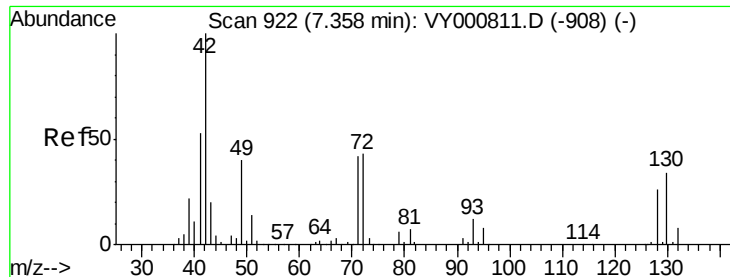
Bromochloromethane
Concen: 14.345 ug/l
RT: 7.35 min Scan# 920
Delta R.T. -0.00 min
Lab File: VY000873.D
Acq: 05 Dec 2019 11:36

Tgt Ion: 49 Resp: 29037
Ion Ratio Lower Upper
49 100
129 1.5 0.0 3.8
130 70.2 58.7 88.1



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

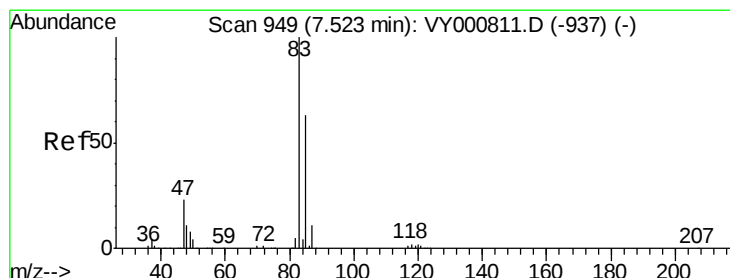
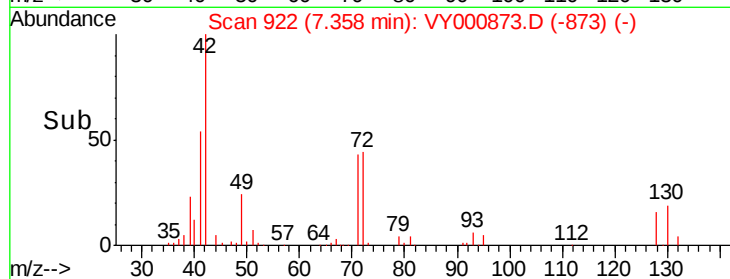
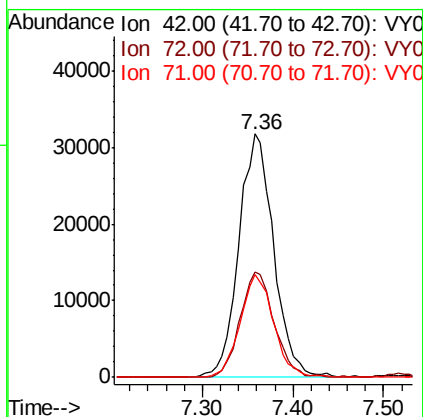
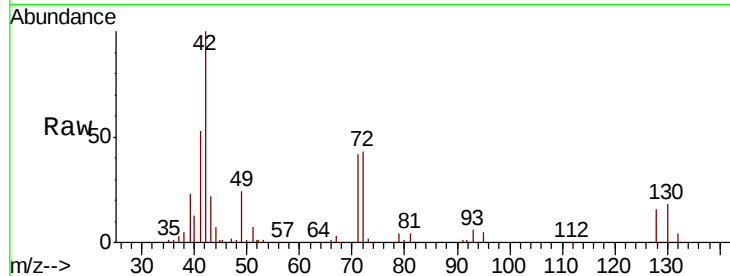




#29
Tetrahydrofuran
Concen: 97.700 ug/l
RT: 7.36 min Scan# 922
Delta R.T. -0.00 min
Lab File: VY000873.D
Acq: 05 Dec 2019 11:36

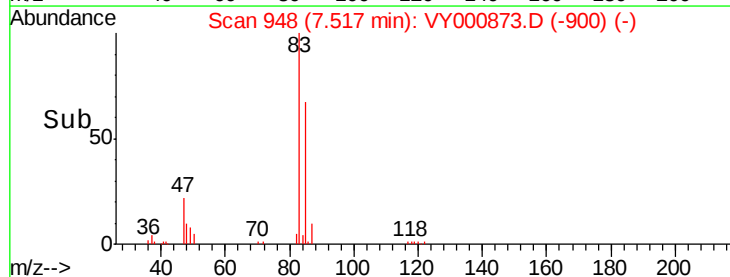
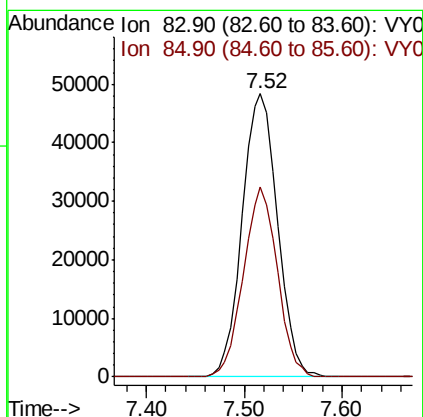
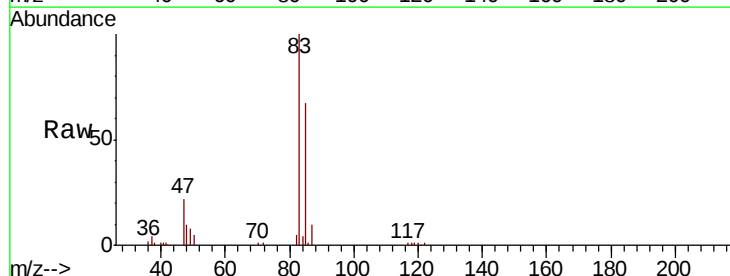
Instrument :
MSVOA_Y
ClientSampleId :
VY1205SBS01

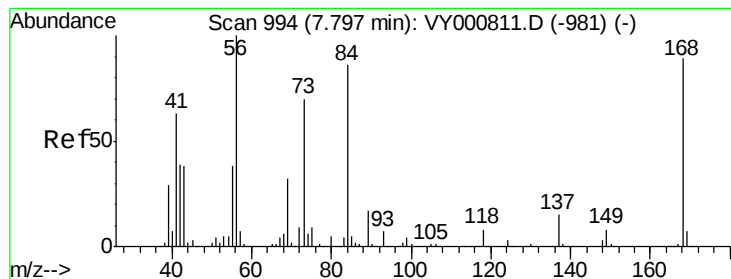
Tot Ion: 42 Resp: 84377
Ion Ratio Lower Upper
42 100
72 42.4 35.1 52.7
71 40.4 32.8 49.2



#30
Chloroform
Concen: 19.570 ug/l
RT: 7.52 min Scan# 948
Delta R.T. -0.01 min
Lab File: VY000873.D
Acq: 05 Dec 2019 11:36

Tgt Ion: 83 Resp: 121018
Ion Ratio Lower Upper
83 100
85 67.1 50.4 75.6





#31

Cyclohexane

Concen: 20.662 ug/l

RT: 7.79 min Scan# 993

Delta R.T. -0.01 min

Lab File: VY000873.D

Acq: 05 Dec 2019 11:36

Instrument :

MSVOA_Y

ClientSampleId :

VY1205SBS01

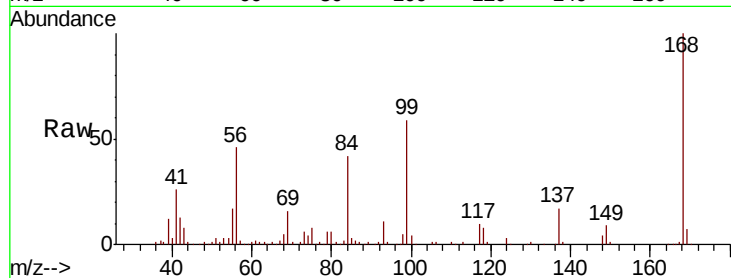
Tot Ion: 56 Resp: 134927

Ion Ratio Lower Upper

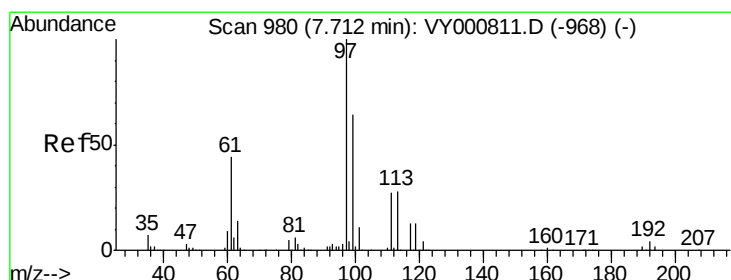
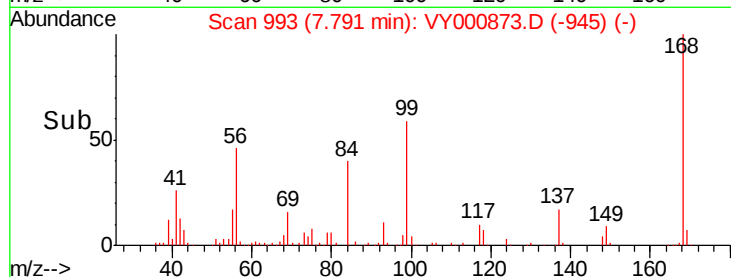
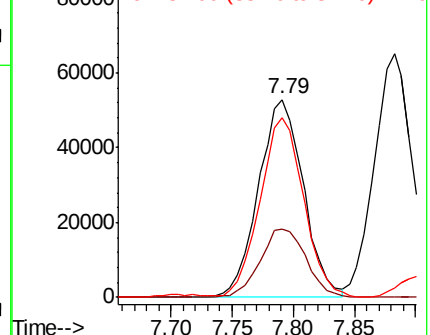
56 100

69 34.6 25.9 38.9

84 89.1 68.6 102.8



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: 20.193 ug/l

RT: 7.71 min Scan# 979

Delta R.T. -0.01 min

Lab File: VY000873.D

Acq: 05 Dec 2019 11:36

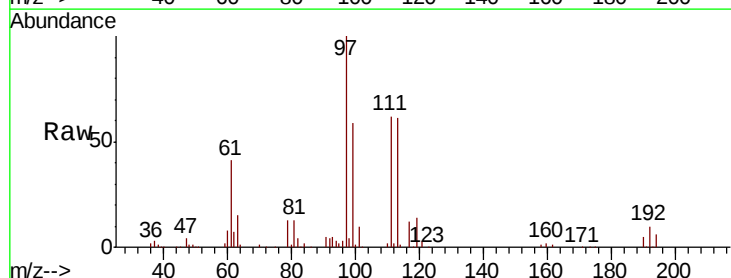
Tgt Ion: 97 Resp: 103110

Ion Ratio Lower Upper

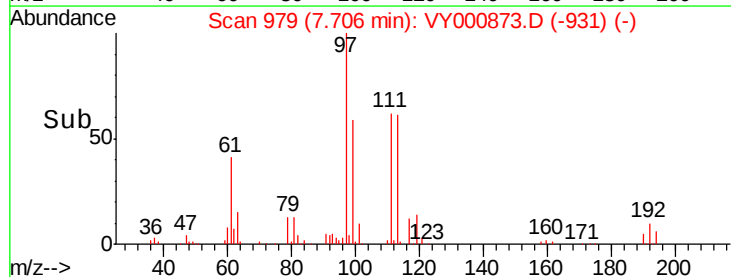
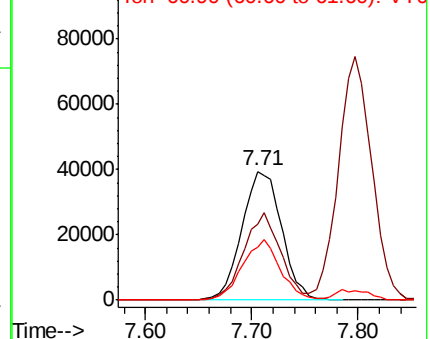
97 100

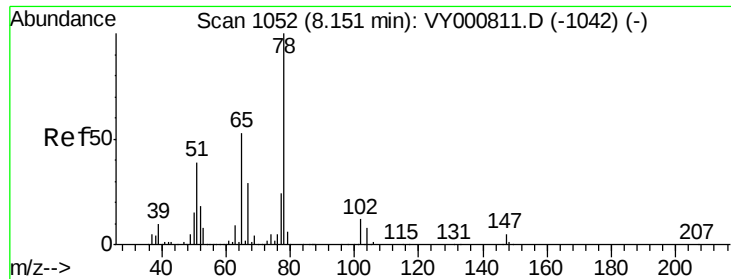
99 63.4 51.7 77.5

61 44.6 35.0 52.6



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

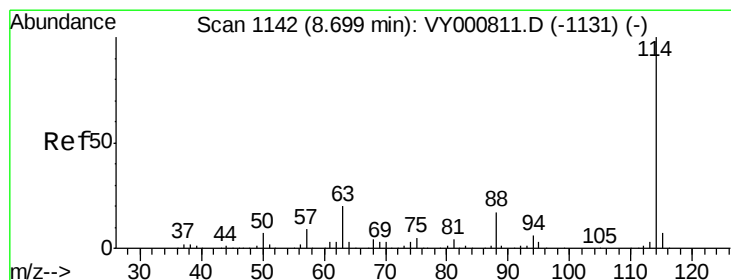
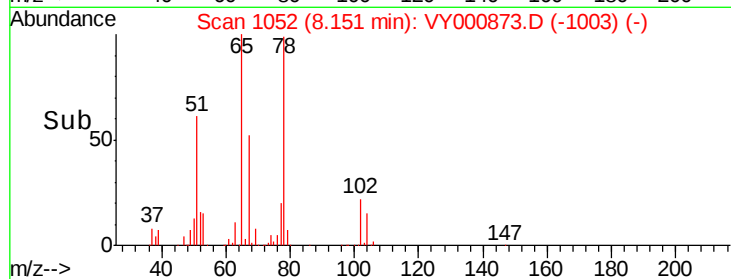
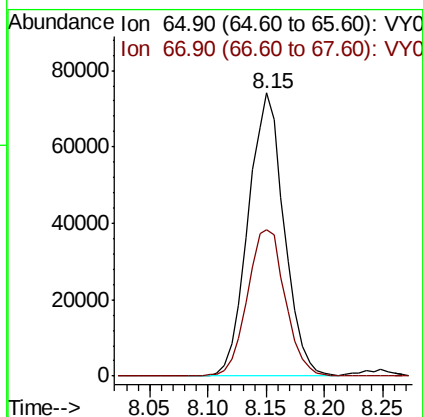
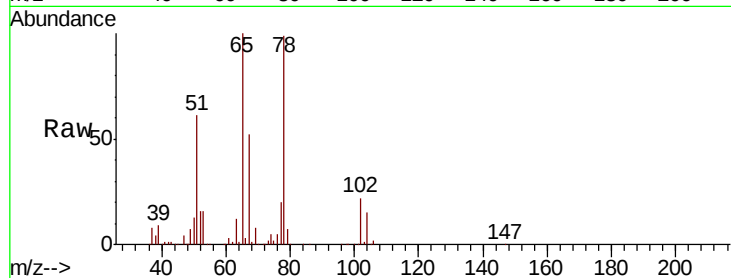




#33
 1,2-Dichloroethane-d4
 Concen: 51.816 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. -0.00 min
 Lab File: VY000873.D
 Acq: 05 Dec 2019 11:36

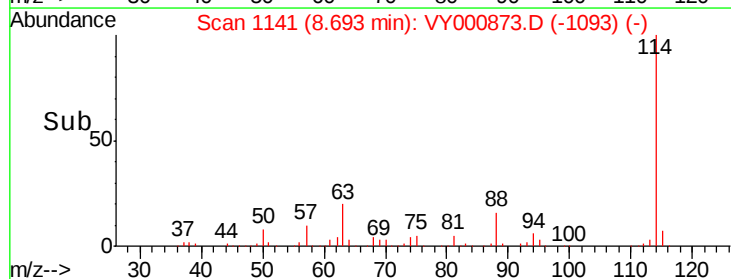
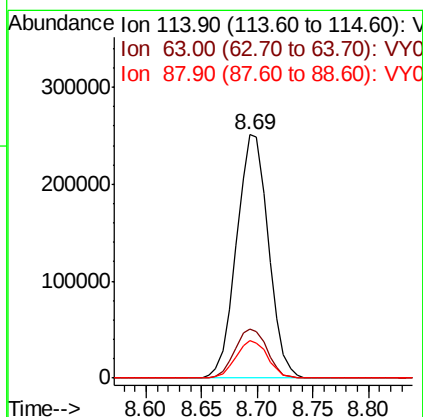
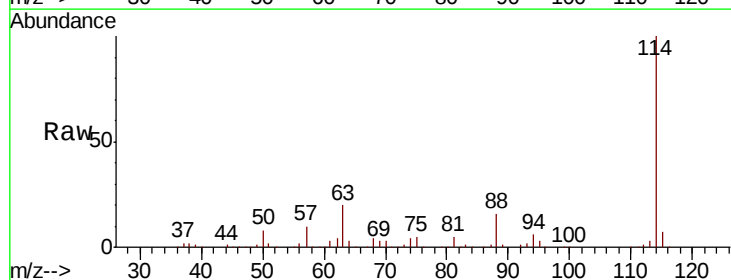
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1205SBS01

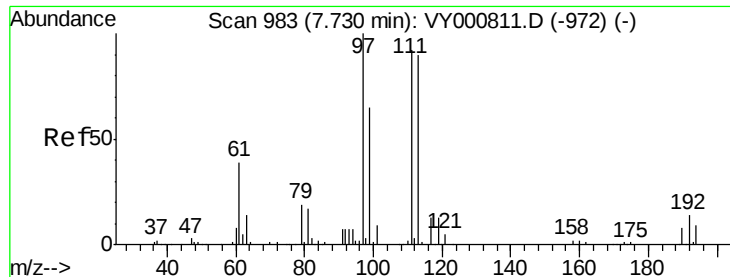
Tot Ion: 65 Resp: 159362
 Ion Ratio Lower Upper
 65 100
 67 54.5 0.0 112.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.01 min
 Lab File: VY000873.D
 Acq: 05 Dec 2019 11:36

Tgt Ion: 114 Resp: 498751
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 39.8
 88 15.5 0.0 33.2

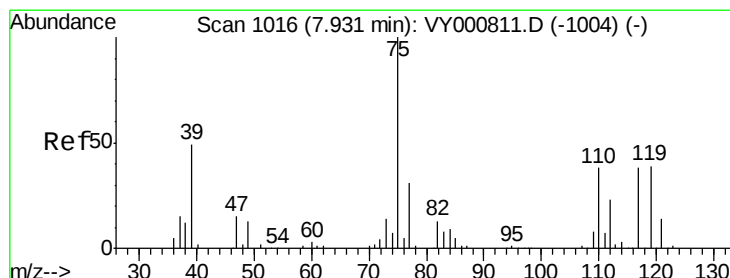
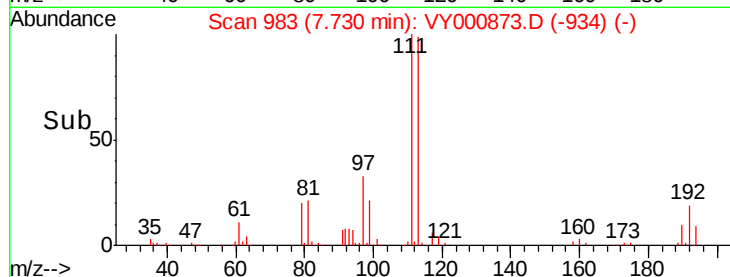
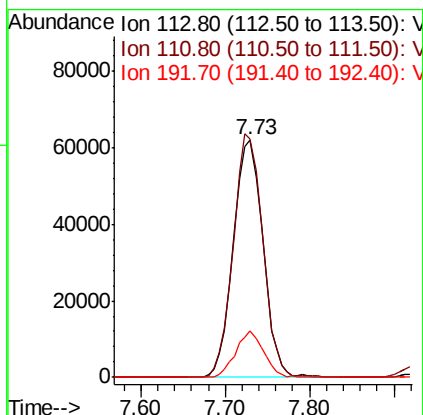
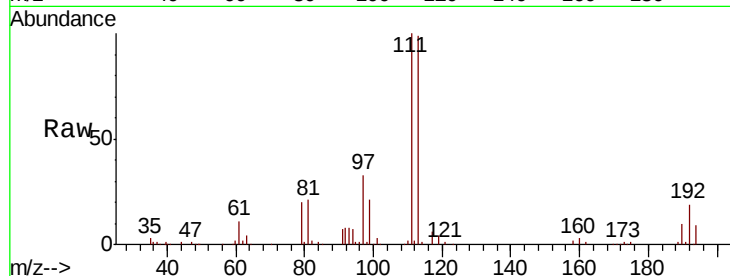




#35
 Dibromofluoromethane
 Concen: 50.958 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. -0.00 min
 Lab File: VY000873.D
 Acq: 05 Dec 2019 11:36

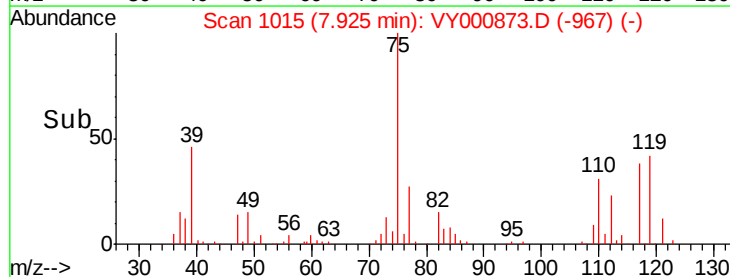
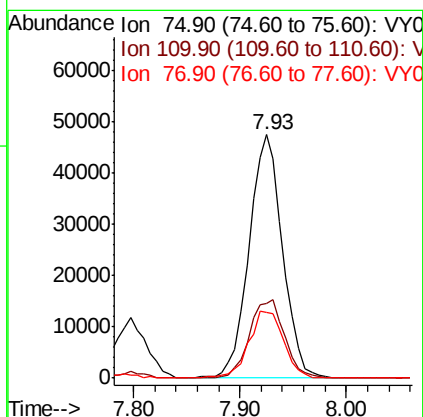
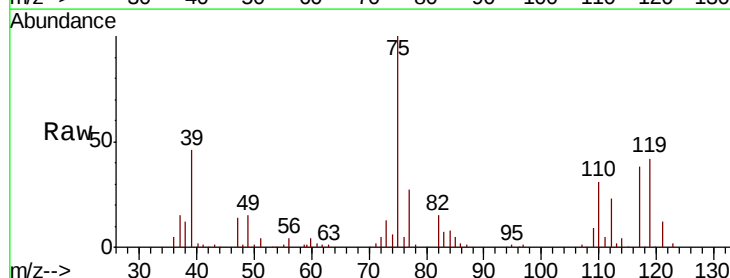
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1205SBS01

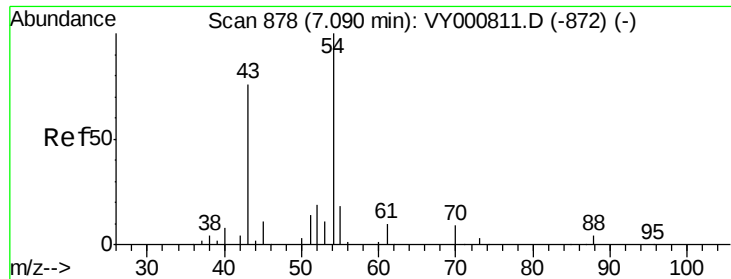
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.5	82.4	123.6
192	18.1	14.2	21.2



#36
 1,1-Dichloropropene
 Concen: 21.123 ug/l
 RT: 7.93 min Scan# 1015
 Delta R.T. -0.01 min
 Lab File: VY000873.D
 Acq: 05 Dec 2019 11:36

Tgt Ion	Ratio	Lower	Upper
75	100		
110	33.7	17.9	53.7
77	28.8	24.7	37.1

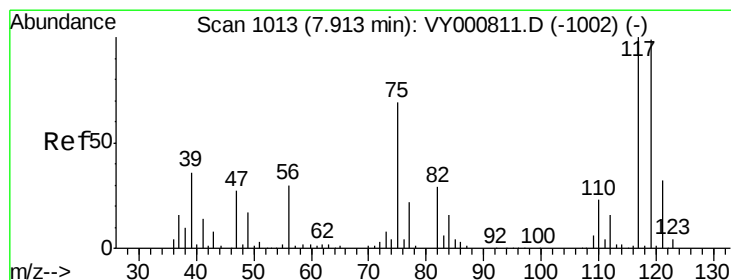
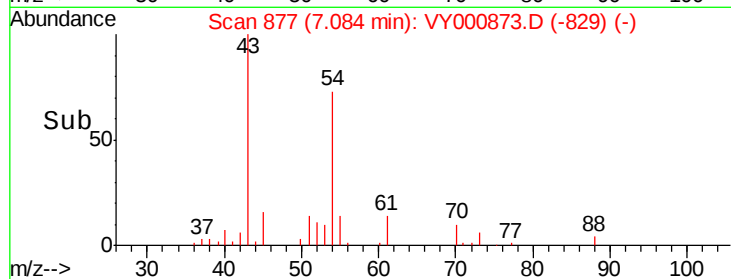
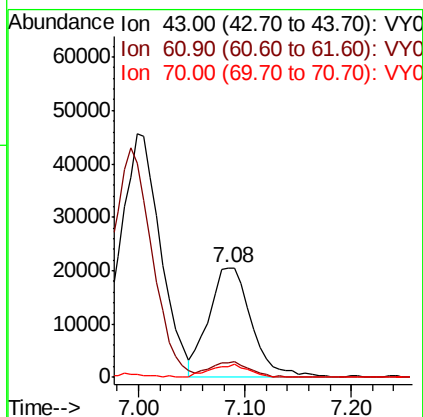
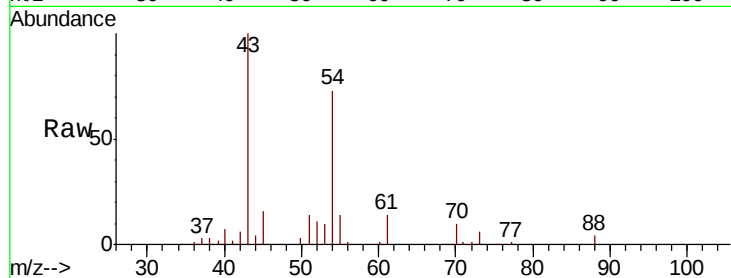




#37
Ethyl Acetate
Concen: 20.070 ug/l
RT: 7.08 min Scan# 877
Delta R.T. -0.01 min
Lab File: VY000873.D
Acq: 05 Dec 2019 11:36

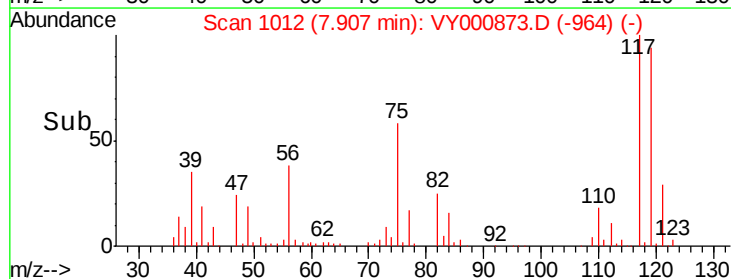
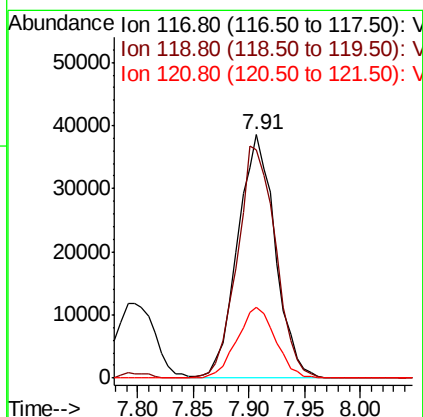
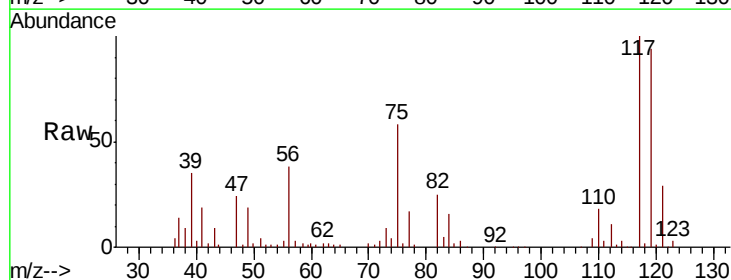
Instrument :
MSVOA_Y
ClientSampleId :
VY1205SBS01

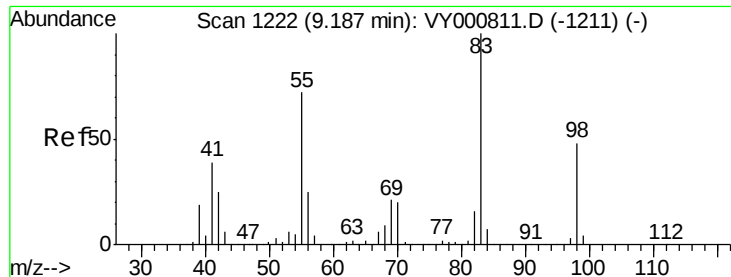
Tot Ion: 43 Resp: 57470
Ion Ratio Lower Upper
43 100
61 13.3 11.8 17.8
70 10.7 8.7 13.1



#38
Carbon Tetrachloride
Concen: 20.437 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. -0.01 min
Lab File: VY000873.D
Acq: 05 Dec 2019 11:36

Tgt Ion: 117 Resp: 90259
Ion Ratio Lower Upper
117 100
119 93.6 79.3 118.9
121 29.1 25.5 38.3

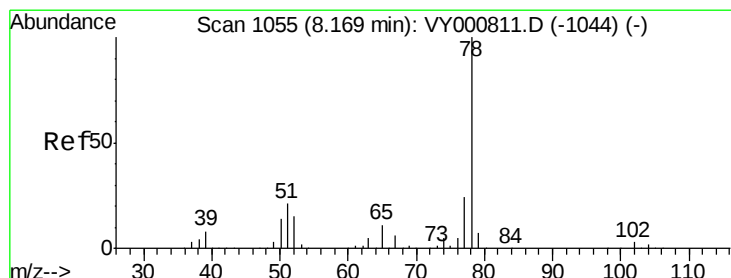
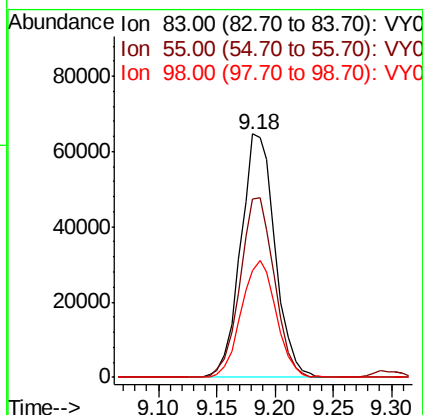
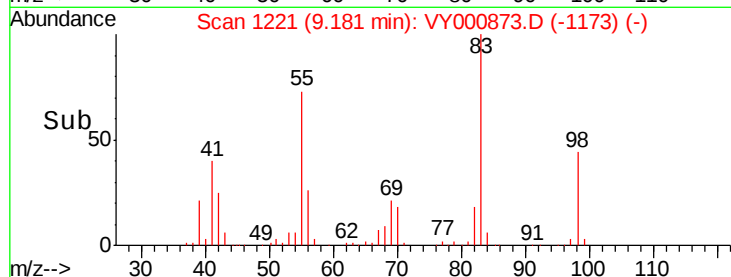
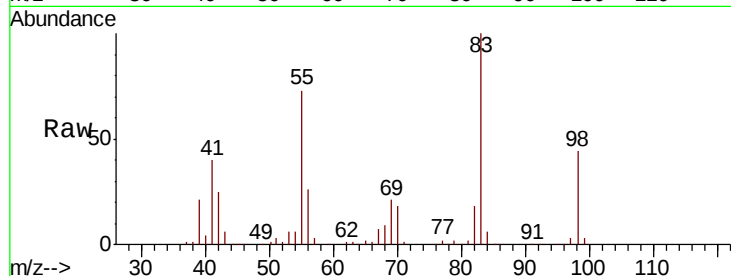




#39
Methvlcvclohexane
Concen: 20.103 ug/l
RT: 9.18 min Scan# 1221
Delta R.T. -0.01 min
Lab File: VY000873.D
Acq: 05 Dec 2019 11:36

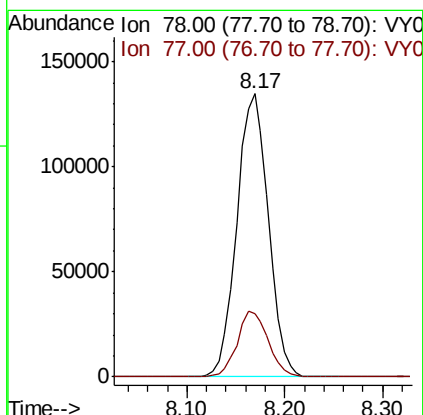
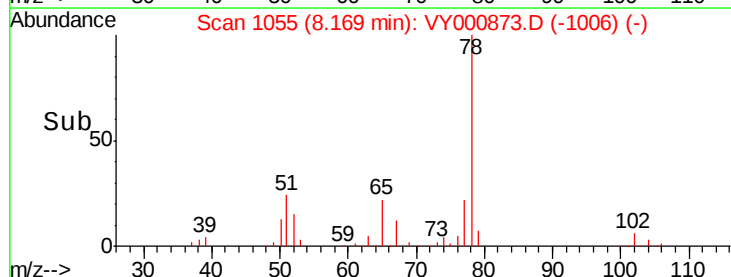
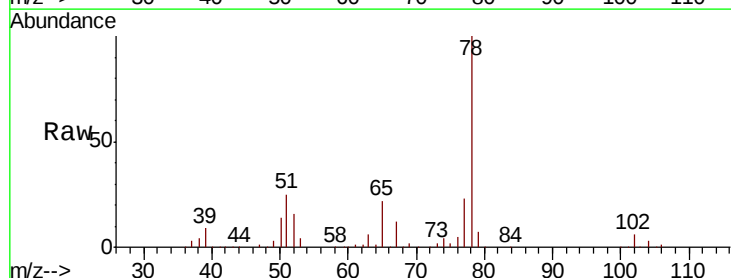
Instrument :
MSVOA_Y
ClientSampleId :
VY1205SBS01

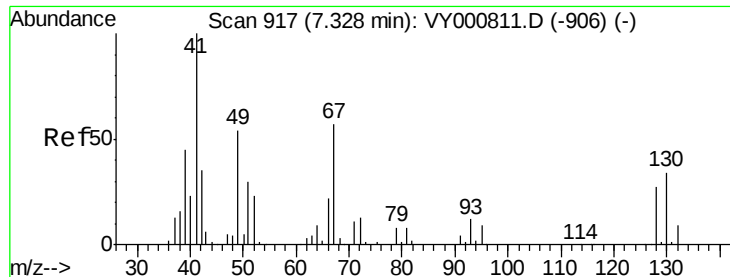
Tot Ion: 83 Resp: 132084
Ion Ratio Lower Upper
83 100
55 73.2 57.8 86.6
98 43.7 38.6 58.0



#40
Benzene
Concen: 20.815 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. -0.00 min
Lab File: VY000873.D
Acq: 05 Dec 2019 11:36

Tgt Ion: 78 Resp: 300676
Ion Ratio Lower Upper
78 100
77 22.5 19.2 28.8

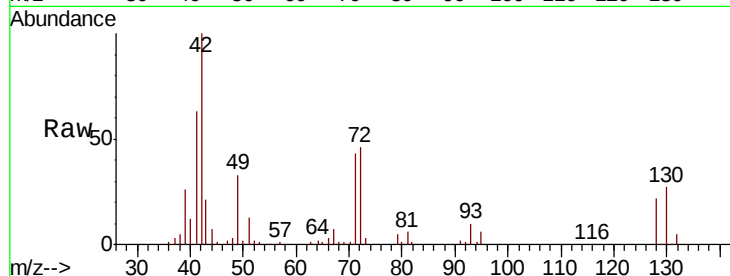




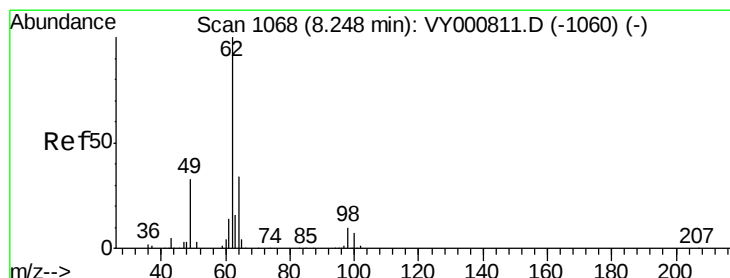
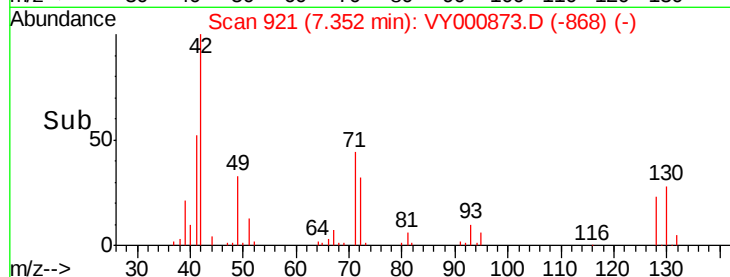
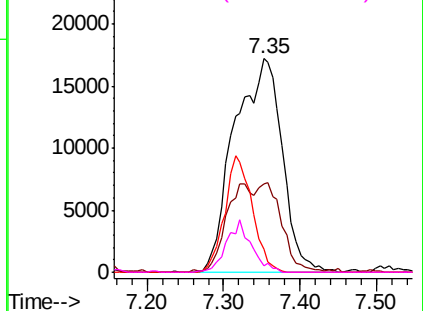
#41
Methacrylonitrile
Concen: 49.538 ug/l
RT: 7.35 min Scan# 921
Delta R.T. 0.02 min
Lab File: VY000873.D
Acq: 05 Dec 2019 11:36

Instrument :
MSVOA_Y
ClientSampleId :
VY1205SBS01

Tot Ion: 41 Resp: 74762
Ion Ratio Lower Upper
41 100
39 0.0 95.7 143.5#
67 0.0 0.0 0.0
52 0.0 0.0 0.0

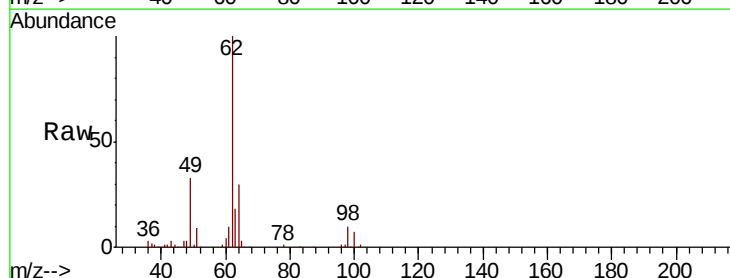


Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 39.00 (38.70 to 39.70): VY0
Ion 67.00 (66.70 to 67.70): VY0
Ion 52.00 (51.70 to 52.70): VY0

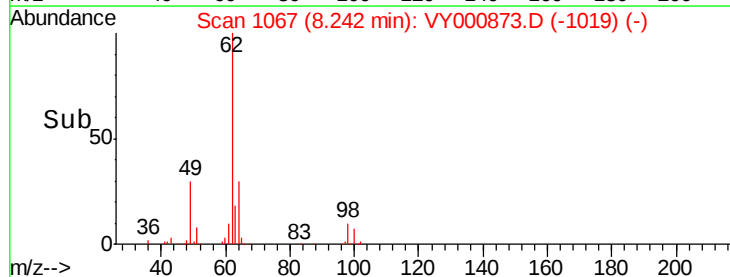
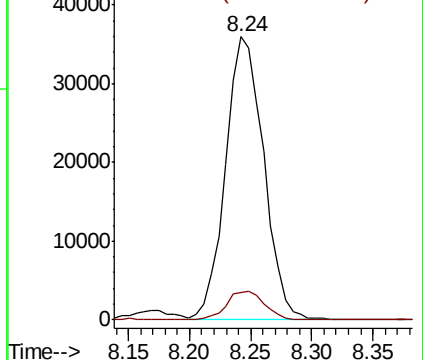


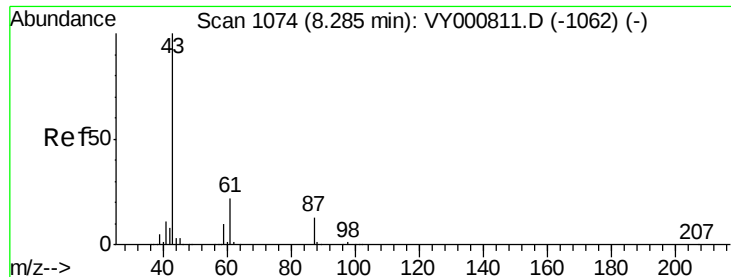
#42
1,2-Dichloroethane
Concen: 20.500 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. -0.01 min
Lab File: VY000873.D
Acq: 05 Dec 2019 11:36

Tgt Ion: 62 Resp: 77877
Ion Ratio Lower Upper
62 100
98 10.0 0.0 21.4



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

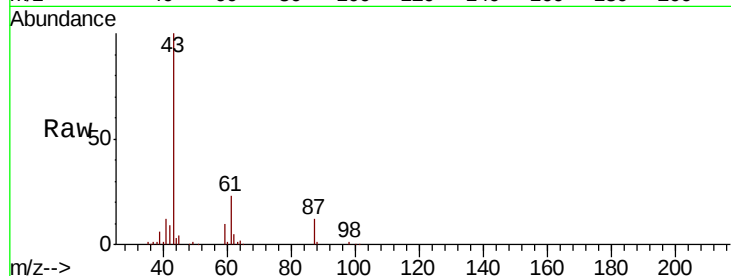




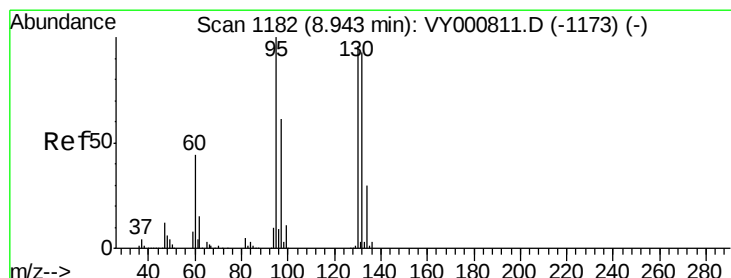
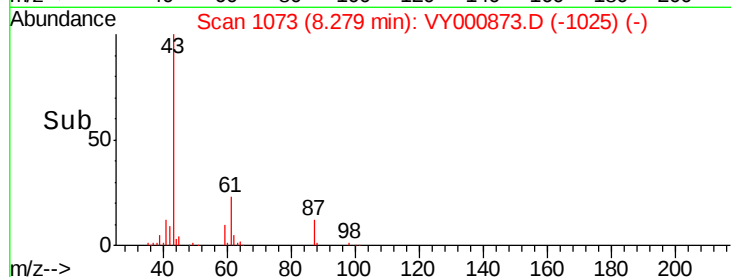
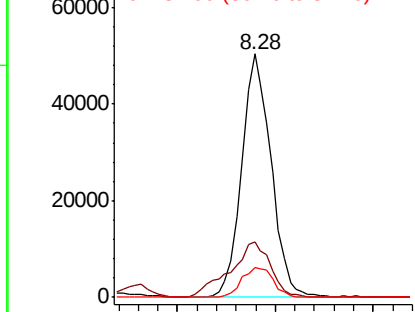
#43
Isopropyl Acetate
Concen: 19.449 ug/l
RT: 8.28 min Scan# 1073
Delta R.T. -0.01 min
Lab File: VY000873.D
Acq: 05 Dec 2019 11:36

Instrument :
MSVOA_Y
ClientSampleId :
VY1205SBS01

Tot Ion: 43 Resp: 104949
Ion Ratio Lower Upper
43 100
61 31.3 23.7 35.5
87 13.1 10.6 15.8

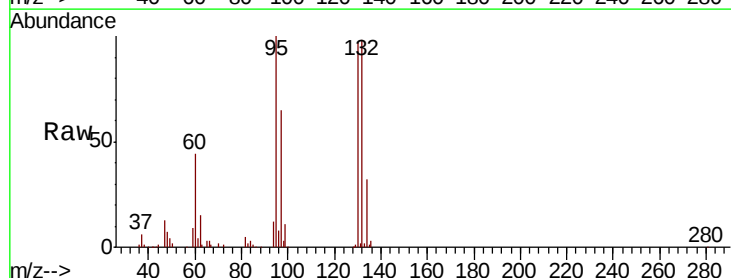


Abundance Ion 43.00 (42.70 to 43.70): VY0
Ion 61.00 (60.70 to 61.70): VY0
Ion 87.00 (86.70 to 87.70): VY0

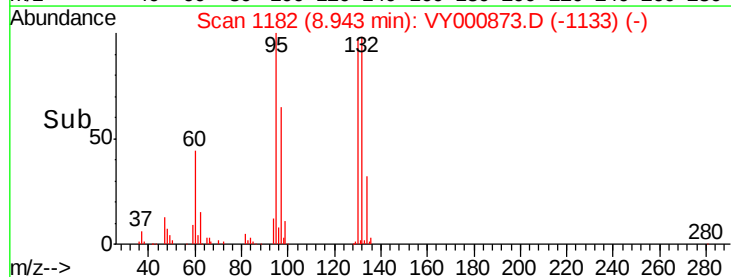
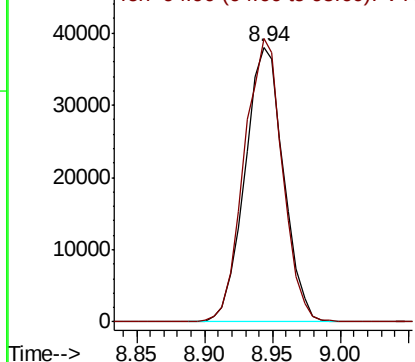


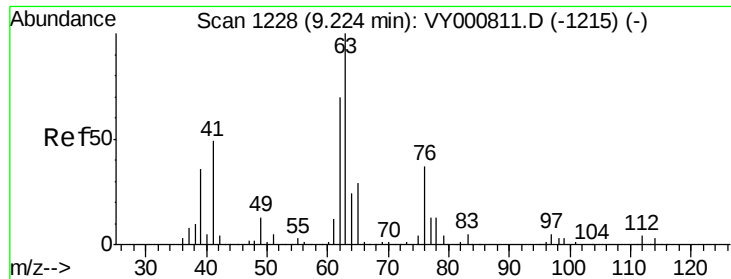
#44
Trichloroethene
Concen: 20.365 ug/l
RT: 8.94 min Scan# 1182
Delta R.T. -0.00 min
Lab File: VY000873.D
Acq: 05 Dec 2019 11:36

Tgt Ion:130 Resp: 75600
Ion Ratio Lower Upper
130 100
95 103.1 0.0 207.8



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

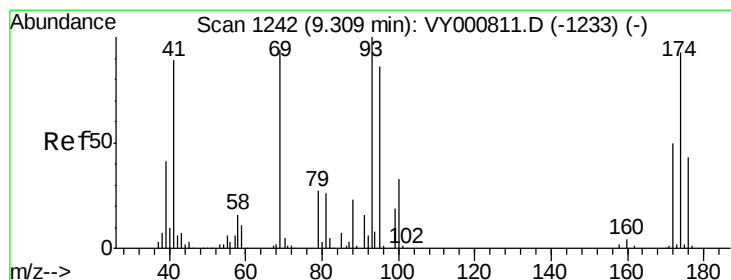
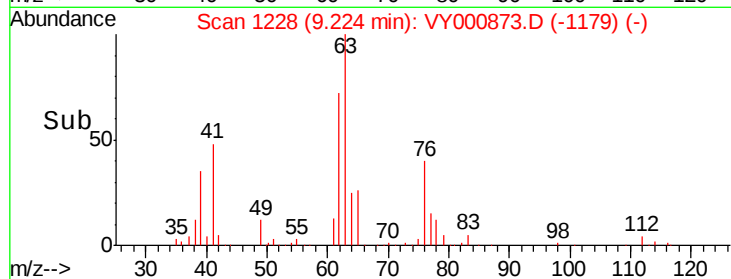
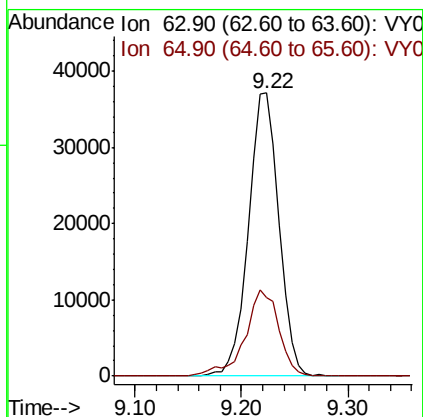
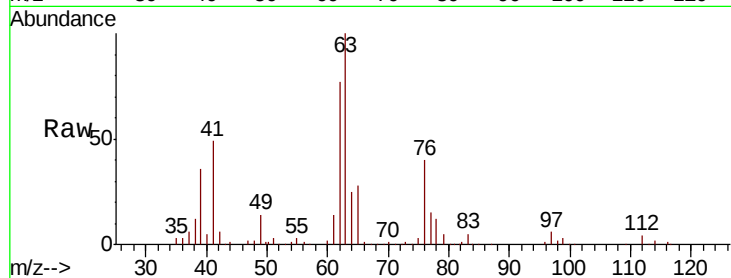




#45
 1,2-Dichloropropane
 Concen: 20.622 ug/l
 RT: 9.22 min Scan# 1228
 Delta R.T. -0.00 min
 Lab File: VY000873.D
 Acq: 05 Dec 2019 11:36

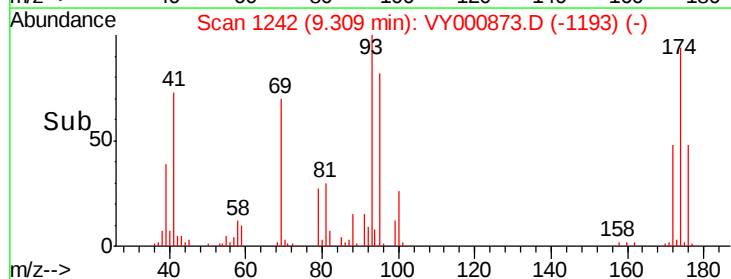
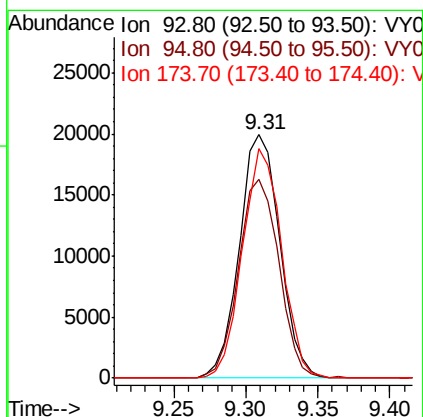
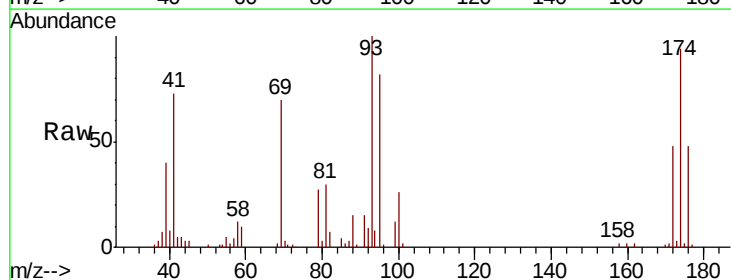
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1205SBS01

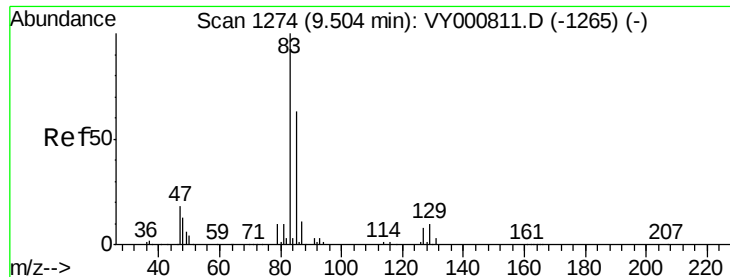
Tot Ion: 63 Resp: 74824
 Ion Ratio Lower Upper
 63 100
 65 27.9 23.2 34.8



#46
 Dibromomethane
 Concen: 20.442 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. -0.00 min
 Lab File: VY000873.D
 Acq: 05 Dec 2019 11:36

Tgt Ion: 93 Resp: 38753
 Ion Ratio Lower Upper
 93 100
 95 82.0 66.4 99.6
 174 91.4 73.0 109.6





#47

Bromodichloromethane

Concen: 20.012 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. -0.01 min

Lab File: VY000873.D

Acq: 05 Dec 2019 11:36

Instrument :

MSVOA_Y

ClientSampleId :

VY1205SBS01

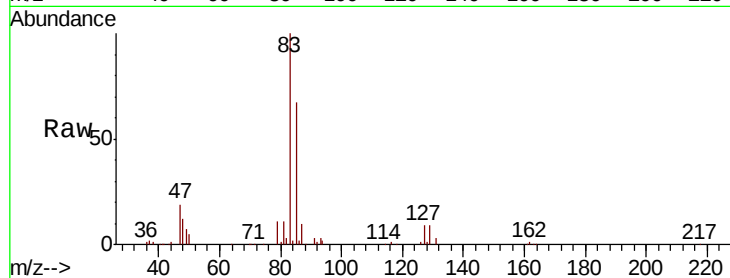
Tot Ion: 83 Resp: 89125

Ion Ratio Lower Upper

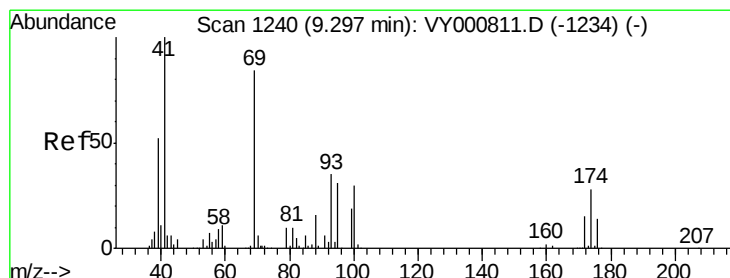
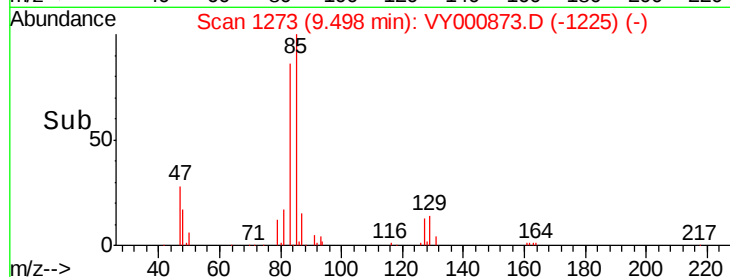
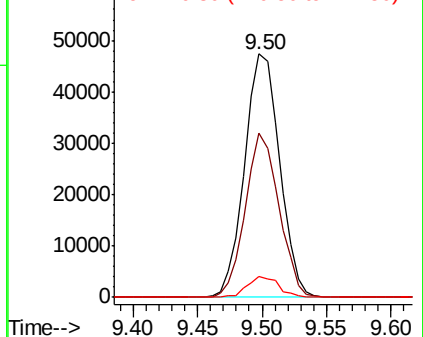
83 100

85 67.3 50.8 76.2

127 8.8 6.6 10.0



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: 20.000 ug/l

RT: 9.30 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VY000873.D

Acq: 05 Dec 2019 11:36

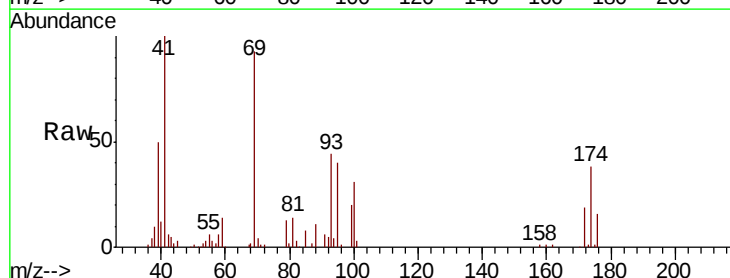
Tgt Ion: 41 Resp: 47457

Ion Ratio Lower Upper

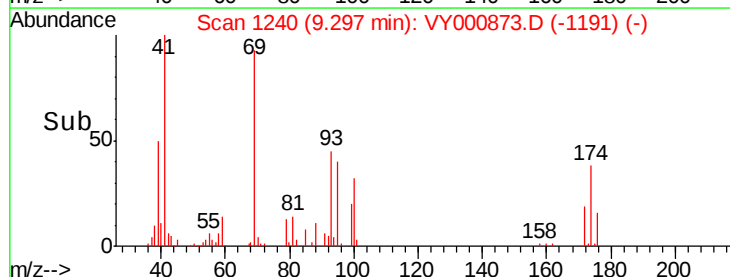
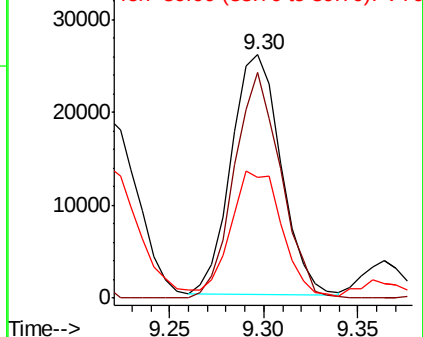
41 100

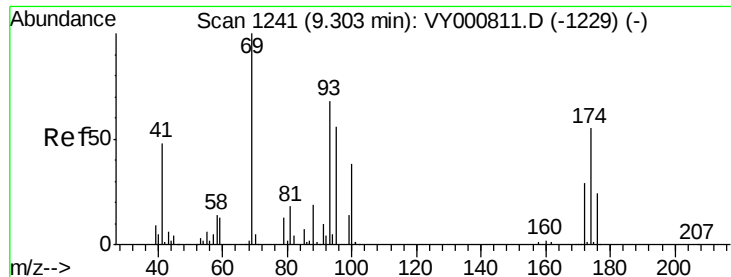
69 88.0 70.4 105.6

39 55.2 40.9 61.3



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: 362.078 ug/l

RT: 9.32 min Scan# 1244

Delta R.T. 0.02 min

Lab File: VY000873.D

Acq: 05 Dec 2019 11:36

Instrument :

MSVOA_Y

ClientSampleId :

VY1205SBS01

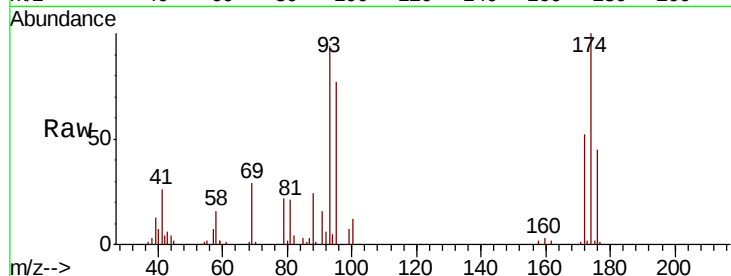
Tot Ion: 88 Resp: 9726

Ion Ratio Lower Upper

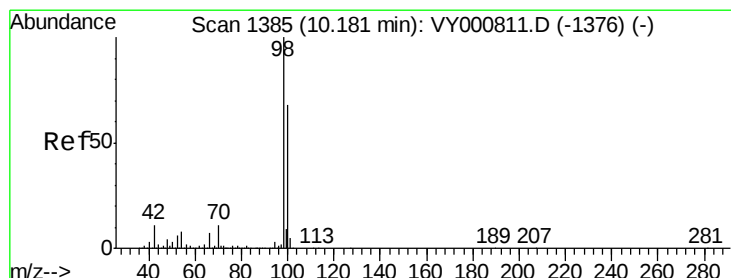
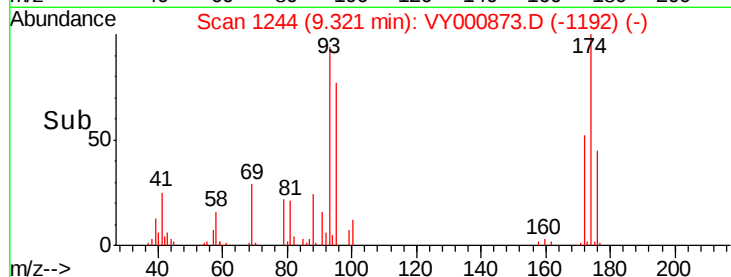
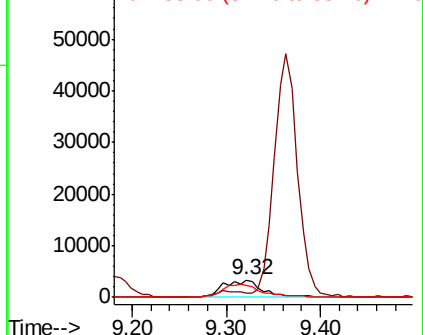
88 100

43 0.0 21.1 31.7#

58 76.8 50.7 76.1#



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: 53.474 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VY000873.D

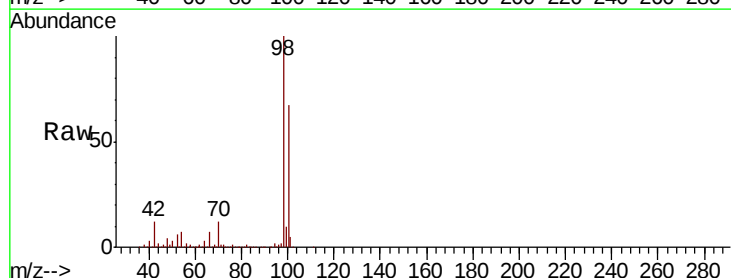
Acq: 05 Dec 2019 11:36

Tgt Ion: 98 Resp: 621416

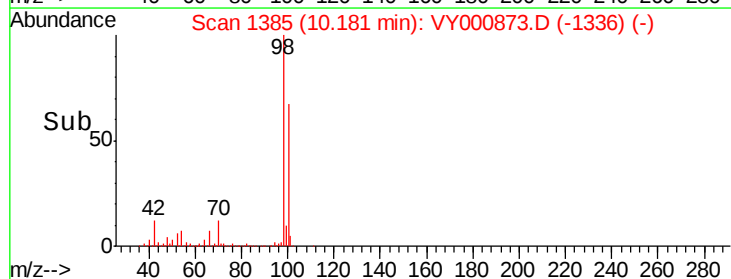
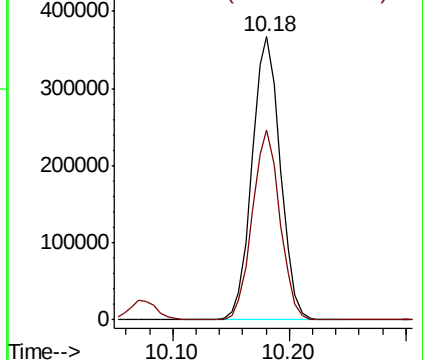
Ion Ratio Lower Upper

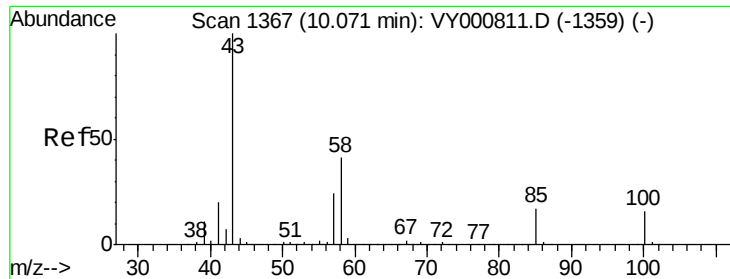
98 100

100 65.8 53.1 79.7



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: 100.400 ug/l

RT: 10.07 min Scan# 1367

Delta R.T. -0.00 min

Lab File: VY000873.D

Acq: 05 Dec 2019 11:36

Instrument :

MSVOA_Y

ClientSampleId :

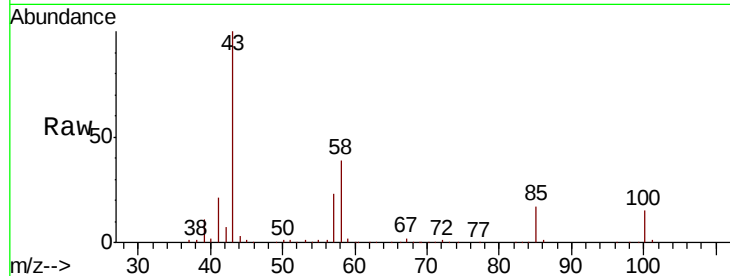
VY1205SBS01

Tot Ion: 43 Resp: 279919

Ion Ratio Lower Upper

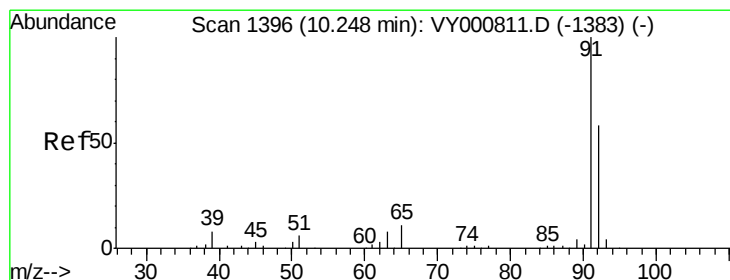
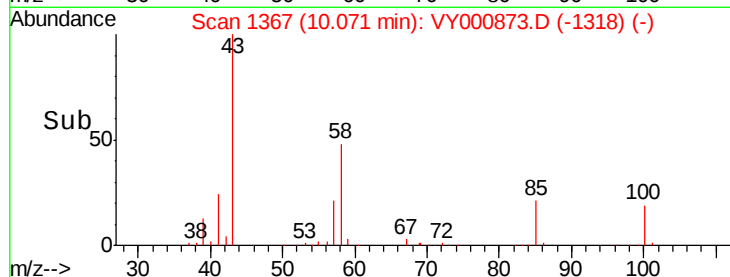
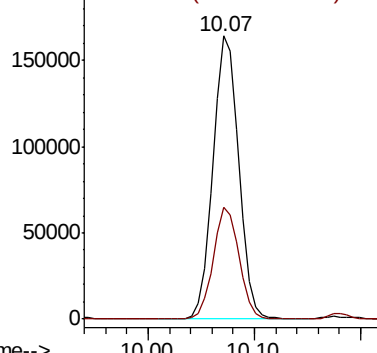
43 100

58 39.4 33.1 49.7



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0



#52

Toluene

Concen: 20.831 ug/l

RT: 10.24 min Scan# 1395

Delta R.T. -0.01 min

Lab File: VY000873.D

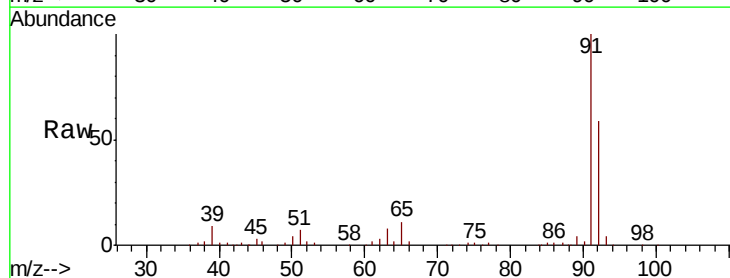
Acq: 05 Dec 2019 11:36

Tgt Ion: 92 Resp: 186303

Ion Ratio Lower Upper

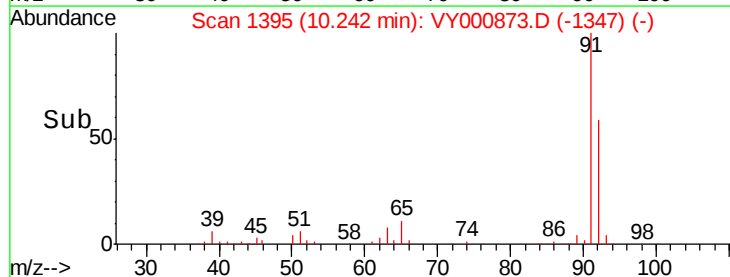
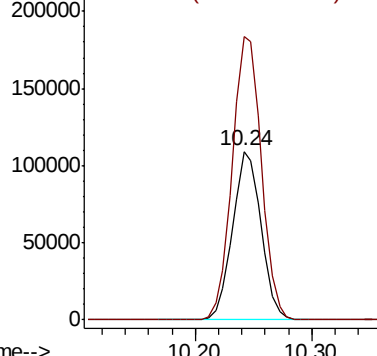
92 100

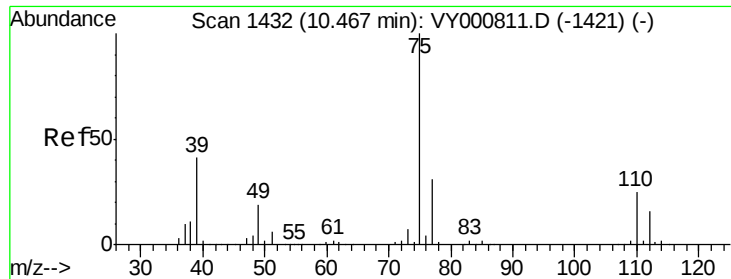
91 172.0 136.6 204.8



Abundance Ion 92.00 (91.70 to 92.70): VY0

Ion 91.00 (90.70 to 91.70): VY0

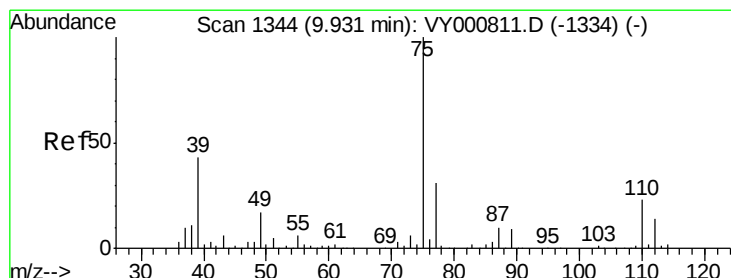
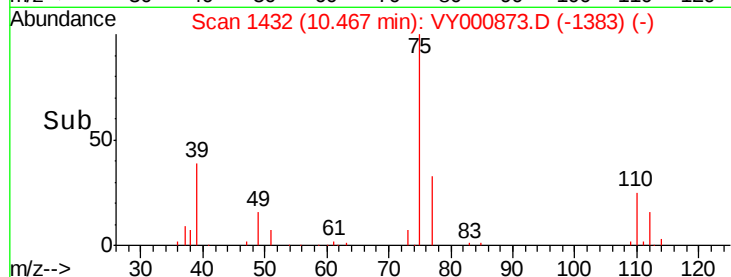
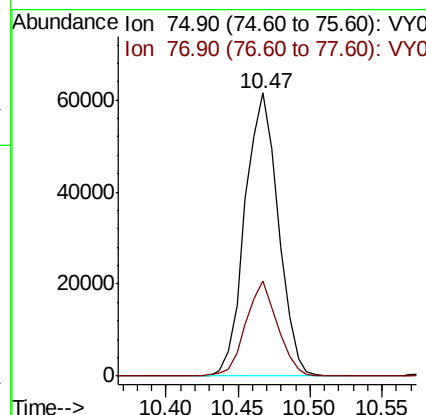
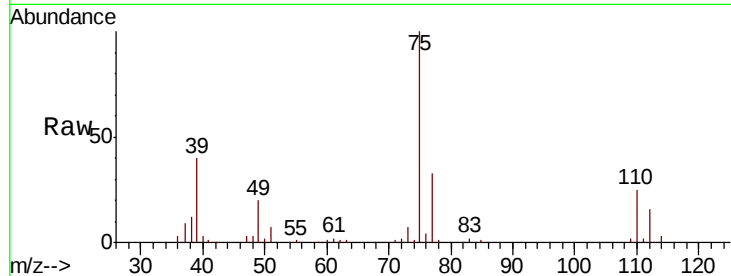




#53
t-1,3-Dichloropropene
Concen: 20.592 ug/l
RT: 10.47 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VY000873.D
Acq: 05 Dec 2019 11:36

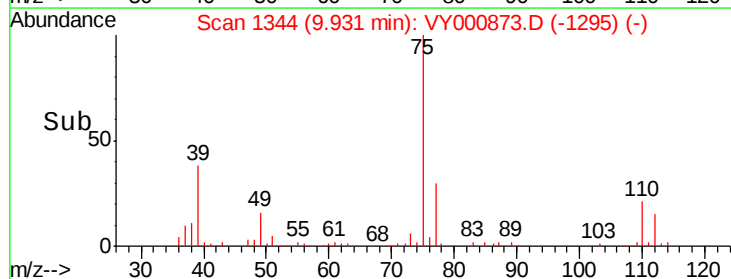
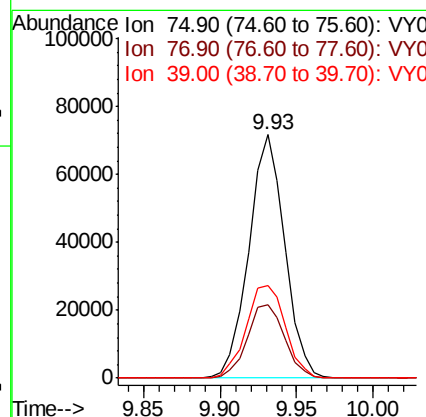
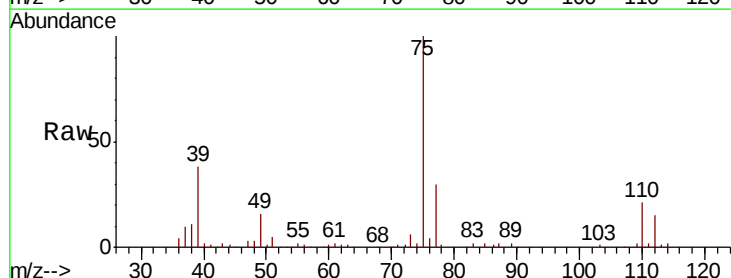
Instrument :
MSVOA_Y
ClientSampleId :
VY1205SBS01

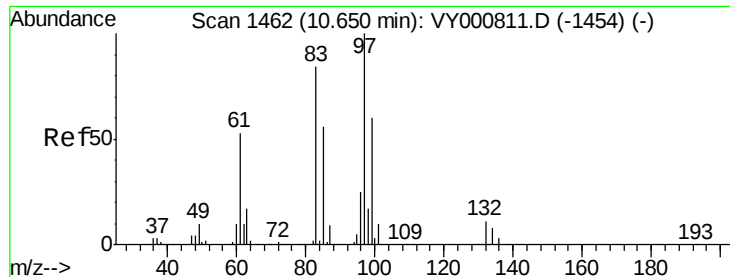
Tot Ion: 75 Resp: 98525
Ion Ratio Lower Upper
75 100
77 33.5 25.1 37.7



#54
cis-1,3-Dichloropropene
Concen: 20.659 ug/l
RT: 9.93 min Scan# 1344
Delta R.T. -0.00 min
Lab File: VY000873.D
Acq: 05 Dec 2019 11:36

Tgt Ion: 75 Resp: 116838
Ion Ratio Lower Upper
75 100
77 30.3 24.7 37.1
39 38.1 34.5 51.7

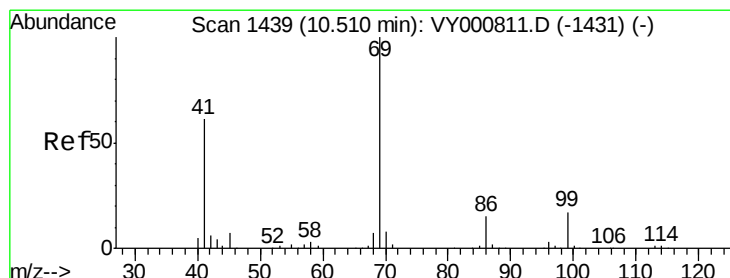
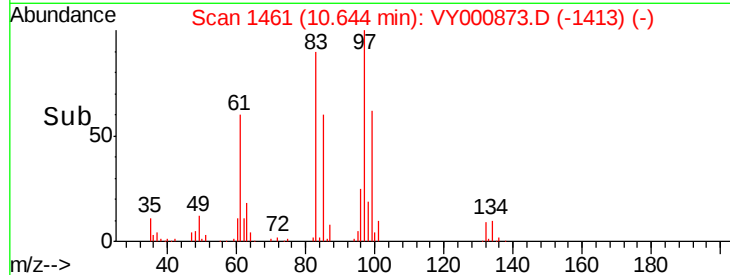
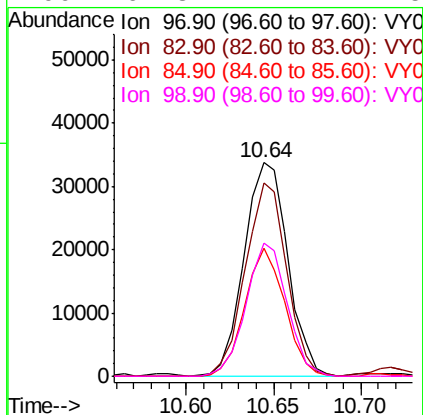
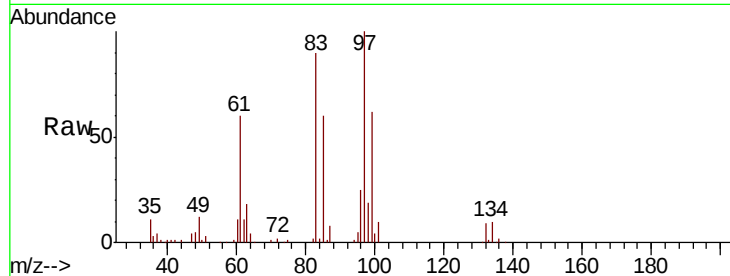




#55
 1,1,2-Trichloroethane
 Concen: 21.107 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. -0.01 min
 Lab File: VY000873.D
 Acq: 05 Dec 2019 11:36

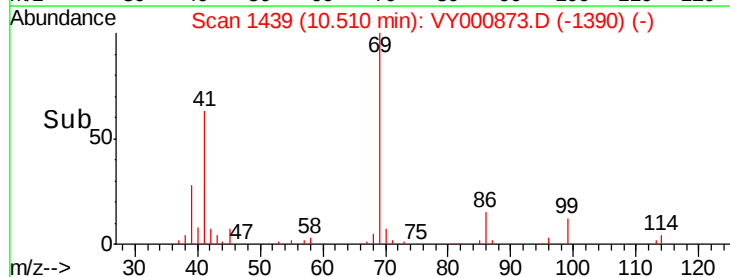
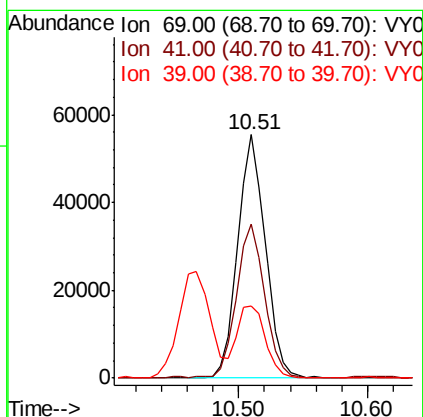
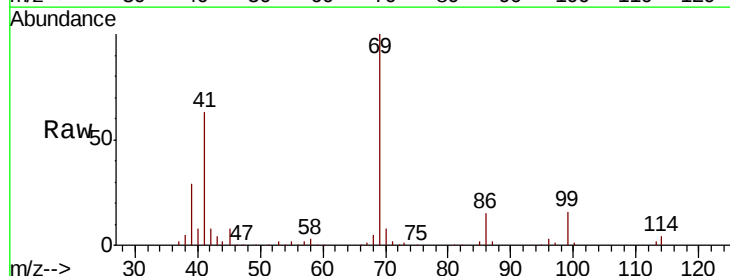
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1205SBS01

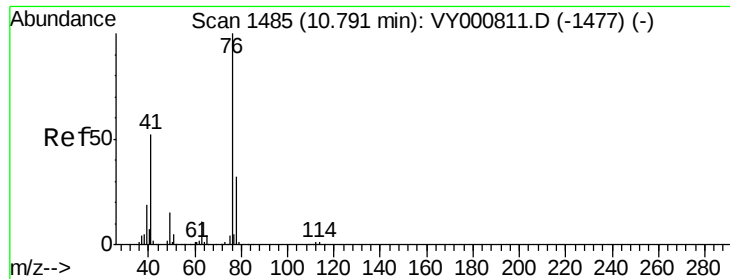
Tot Ion: 97 Resp: 59117
 Ion Ratio Lower Upper
 97 100
 83 90.5 67.5 101.3
 85 60.2 44.5 66.7
 99 62.3 47.7 71.5



#56
 Ethyl methacrylate
 Concen: 20.571 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. -0.00 min
 Lab File: VY000873.D
 Acq: 05 Dec 2019 11:36

Tgt Ion: 69 Resp: 82423
 Ion Ratio Lower Upper
 69 100
 41 64.5 49.0 73.6
 39 29.7 23.1 34.7





#57

1,3-Dichloropropane

Concen: 21.031 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. -0.00 min

Lab File: VY000873.D

Acq: 05 Dec 2019 11:36

Instrument :

MSVOA_Y

ClientSampleId :

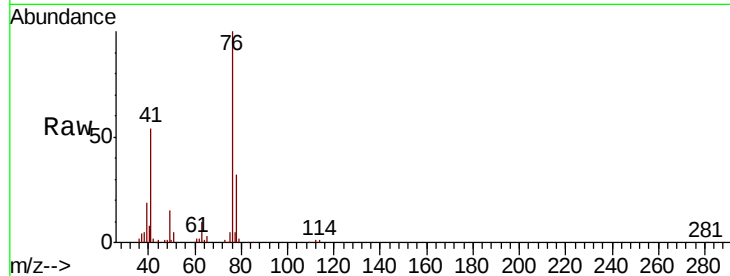
VY1205SBS01

Tot Ion: 76 Resp: 102666

Ion Ratio Lower Upper

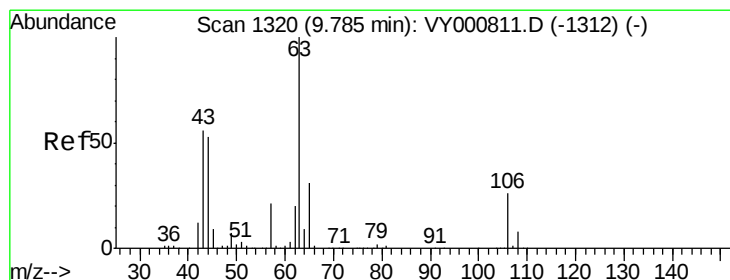
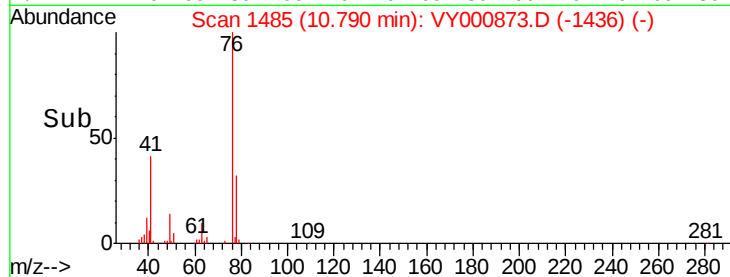
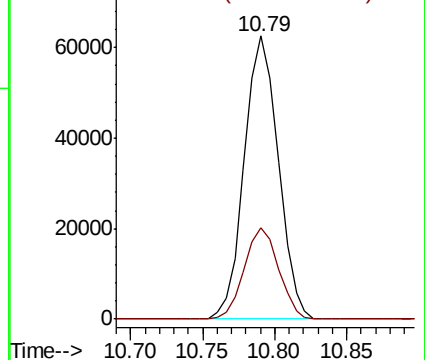
76 100

78 32.7 26.4 39.6



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: 97.045 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. -0.00 min

Lab File: VY000873.D

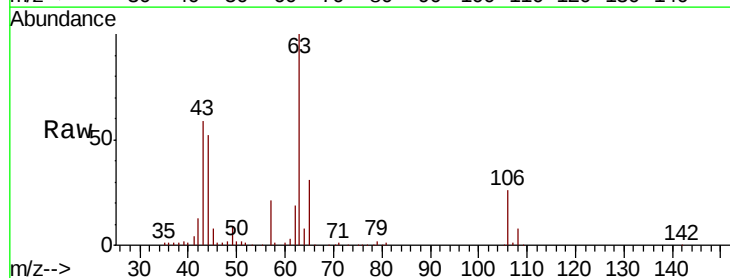
Acq: 05 Dec 2019 11:36

Tgt Ion: 63 Resp: 156783

Ion Ratio Lower Upper

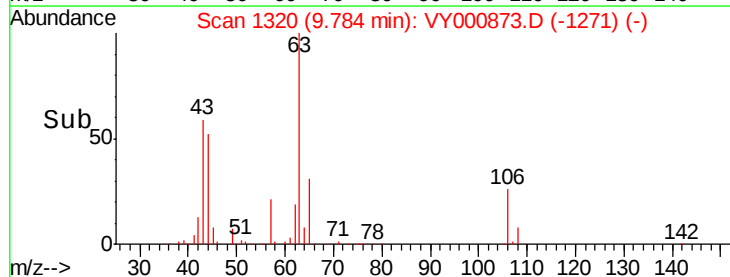
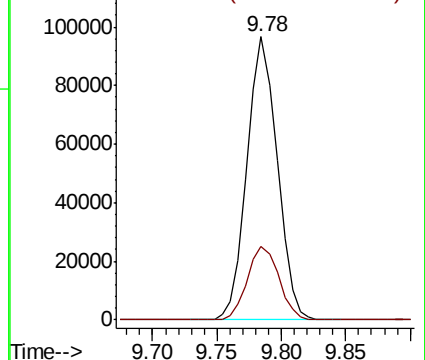
63 100

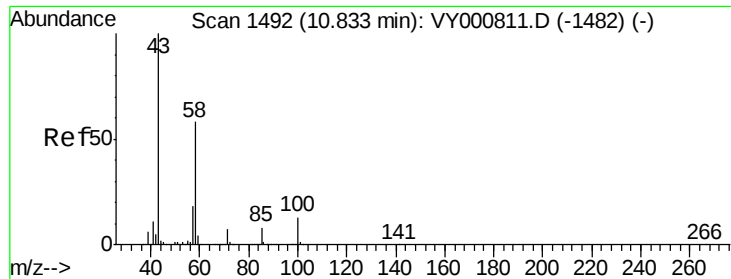
106 27.0 21.5 32.3



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V

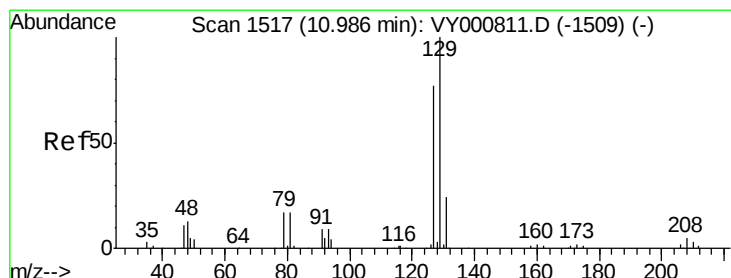
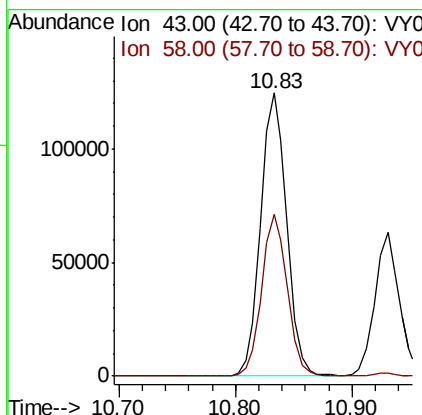
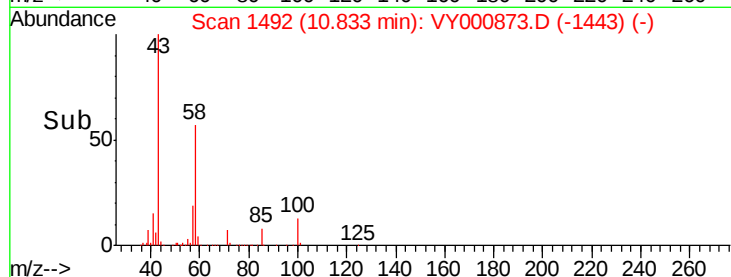
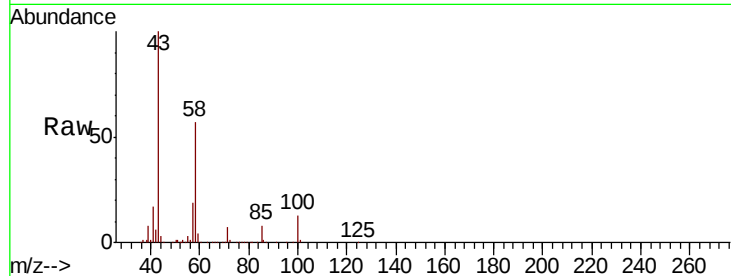




#59
2-Hexanone
Concen: 95.710 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VY000873.D
Acq: 05 Dec 2019 11:36

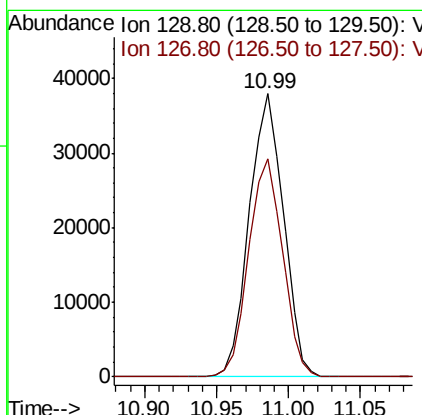
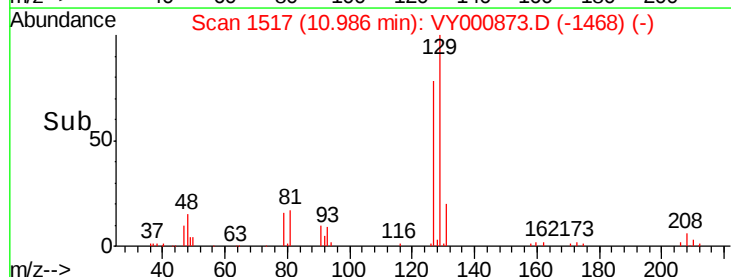
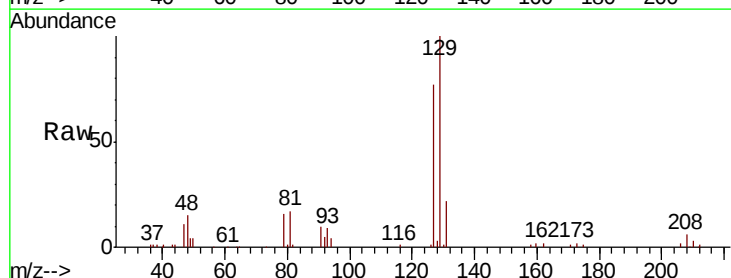
Instrument :
MSVOA_Y
ClientSampleId :
VY1205SBS01

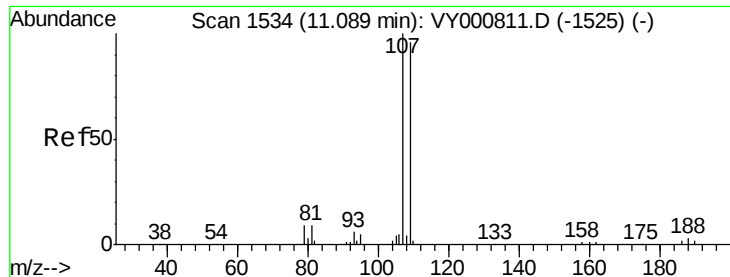
Tot Ion: 43 Resp: 194443
Ion Ratio Lower Upper
43 100
58 56.2 29.0 87.1



#60
Dibromochloromethane
Concen: 20.658 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VY000873.D
Acq: 05 Dec 2019 11:36

Tgt Ion: 129 Resp: 62286
Ion Ratio Lower Upper
129 100
127 76.5 39.1 117.2

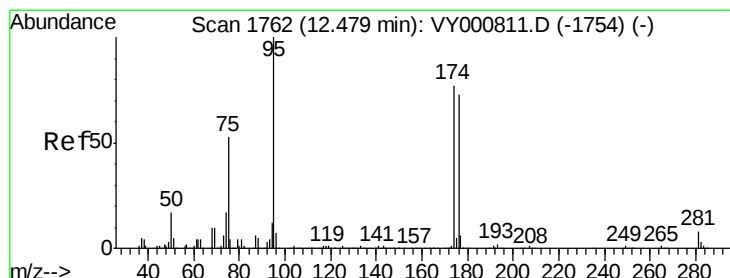
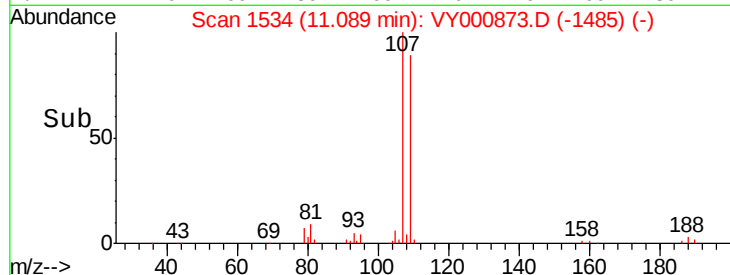
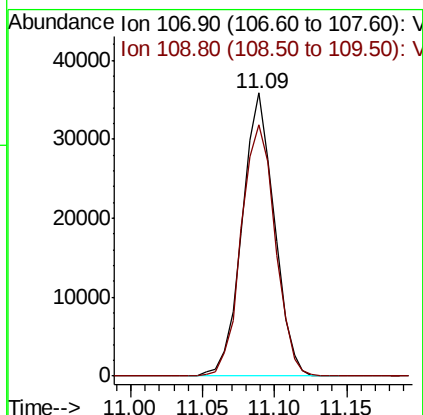
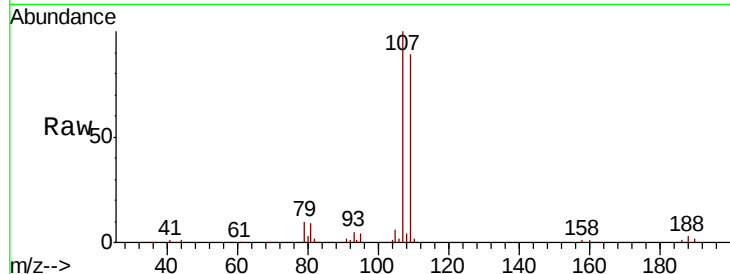




#61
 1,2-Dibromoethane
 Concen: 21.055 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. -0.00 min
 Lab File: VY000873.D
 Acq: 05 Dec 2019 11:36

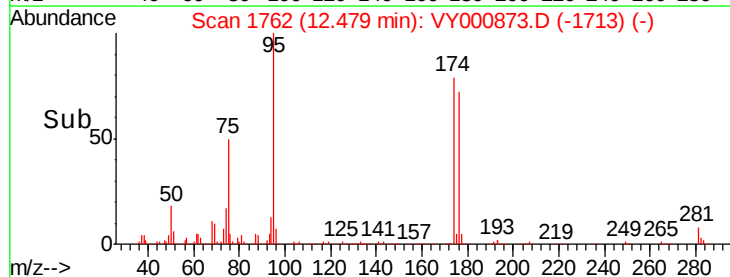
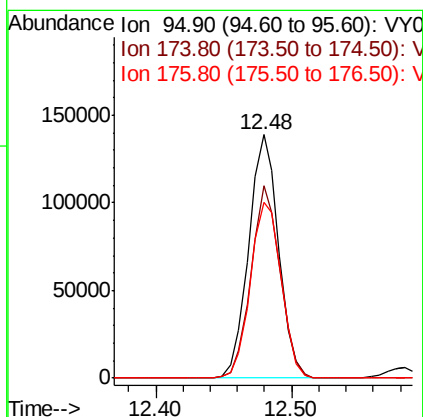
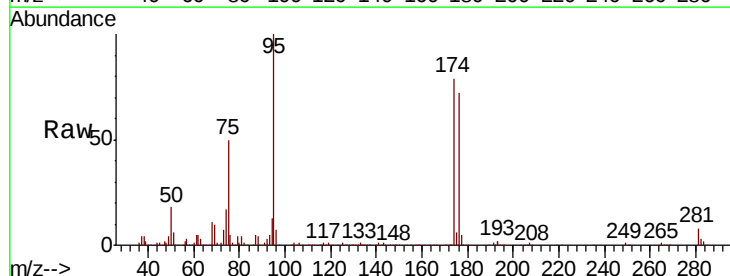
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1205SBS01

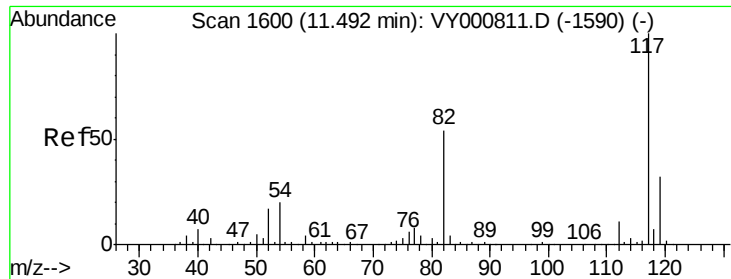
Tot Ion: 107 Resp: 55577
 Ion Ratio Lower Upper
 107 100
 109 93.5 75.9 113.9



#62
 4-Bromofluorobenzene
 Concen: 48.861 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. -0.00 min
 Lab File: VY000873.D
 Acq: 05 Dec 2019 11:36

Tgt Ion: 95 Resp: 213244
 Ion Ratio Lower Upper
 95 100
 174 77.4 0.0 150.6
 176 74.8 0.0 145.2

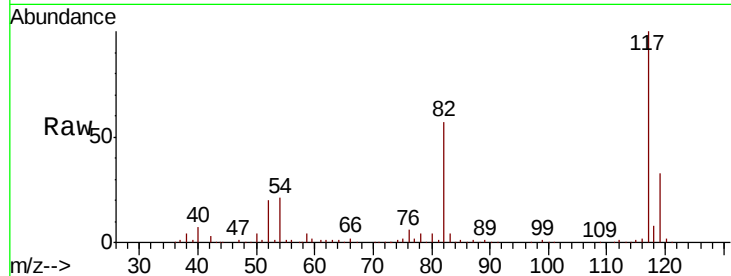




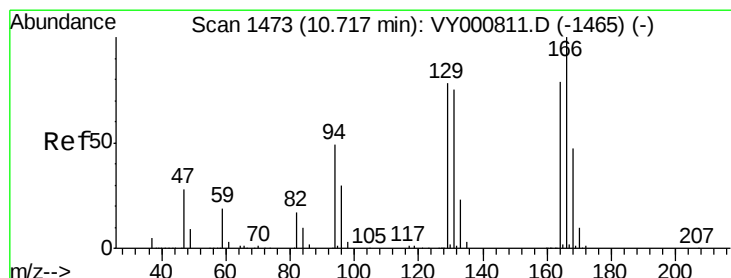
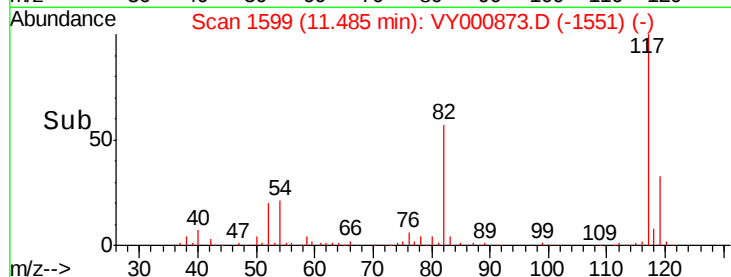
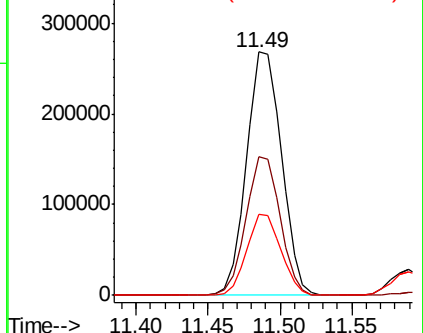
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1599
Delta R.T. -0.01 min
Lab File: VY000873.D
Acq: 05 Dec 2019 11:36

Instrument :
MSVOA_Y
ClientSampleId :
VY1205SBS01

Tot Ion:117 Resp: 450738
Ion Ratio Lower Upper
117 100
82 56.8 43.1 64.7
119 33.2 25.3 37.9

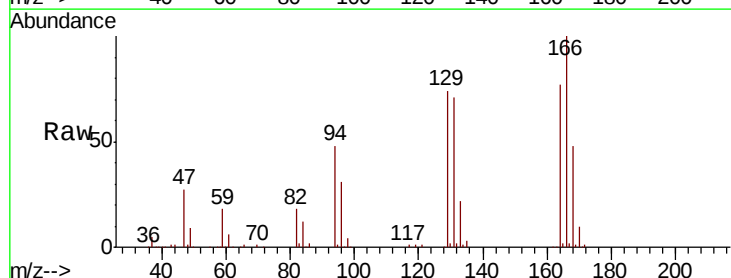


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

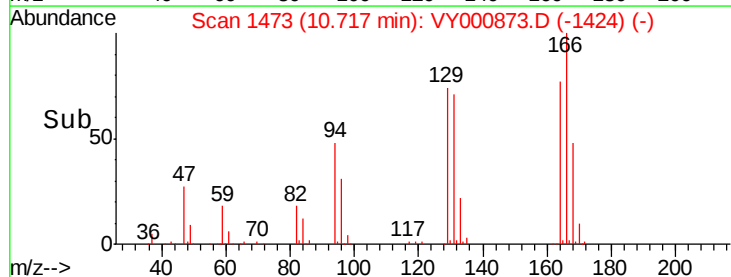
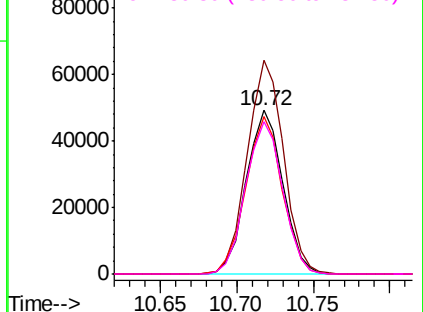


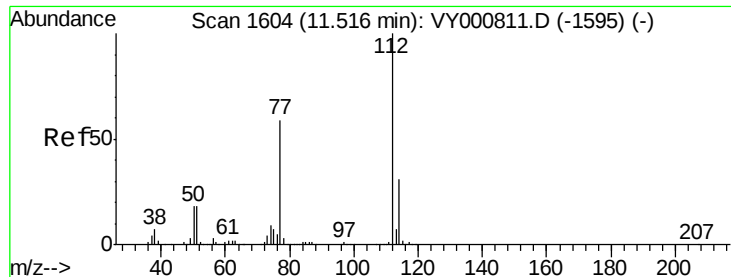
#64
Tetrachloroethene
Concen: 20.909 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VY000873.D
Acq: 05 Dec 2019 11:36

Tgt Ion:164 Resp: 81881
Ion Ratio Lower Upper
164 100
166 130.4 101.8 152.8
129 96.0 79.3 118.9
131 93.1 76.4 114.6



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

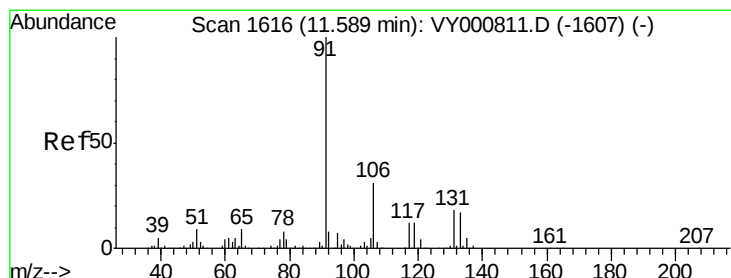
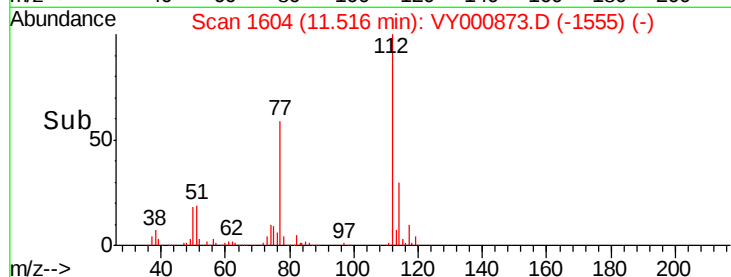
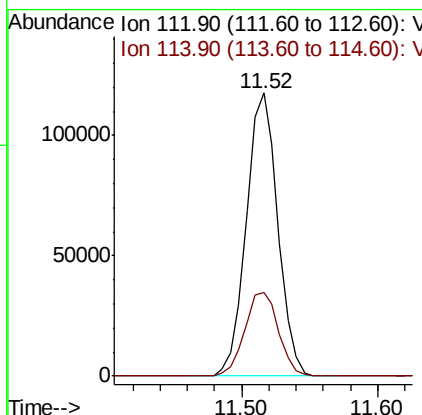
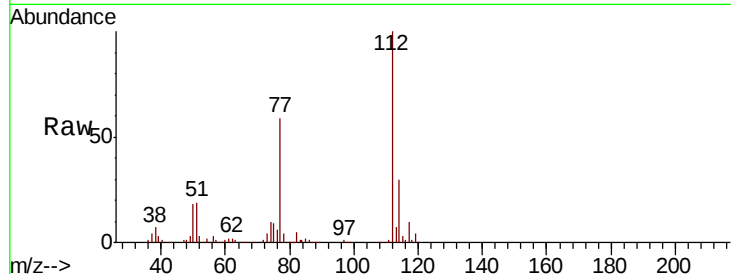




#65
Chlorobenzene
Concen: 20.368 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VY000873.D
Acq: 05 Dec 2019 11:36

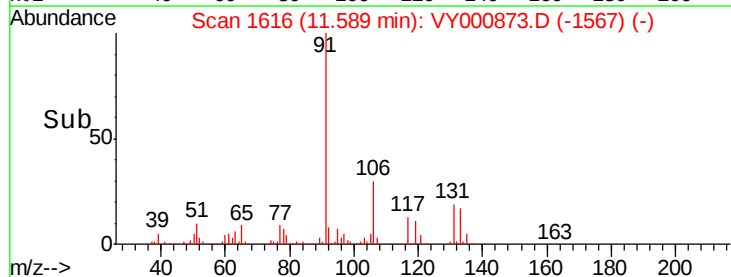
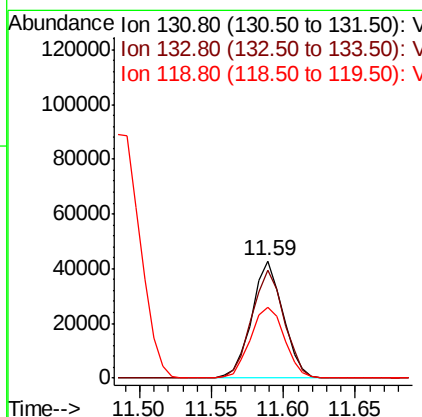
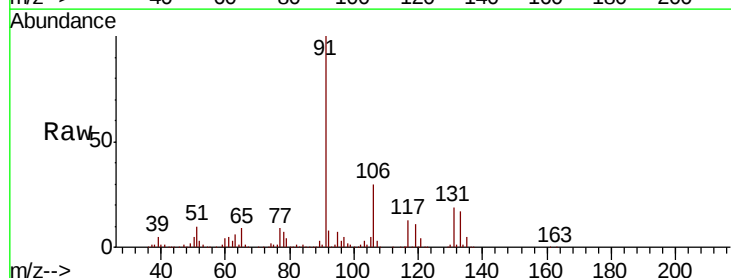
Instrument :
MSVOA_Y
ClientSampleId :
VY1205SBS01

Tot Ion:112 Resp: 190834
Ion Ratio Lower Upper
112 100
114 29.6 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 20.372 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.00 min
Lab File: VY000873.D
Acq: 05 Dec 2019 11:36

Tgt Ion:131 Resp: 64325
Ion Ratio Lower Upper
131 100
133 95.3 47.4 142.2
119 65.8 33.8 101.3

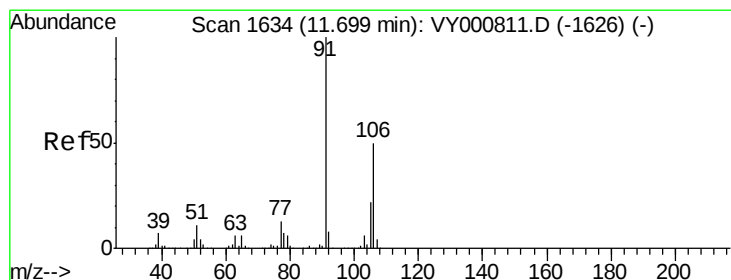
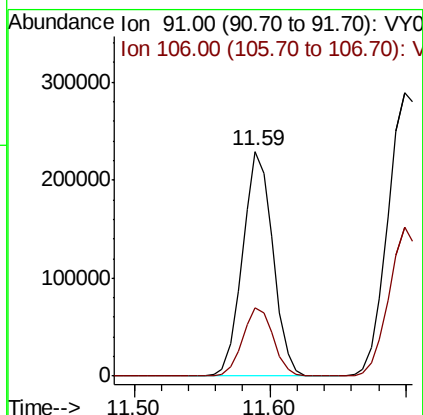
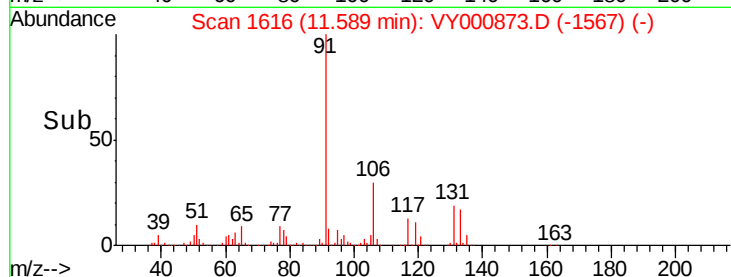
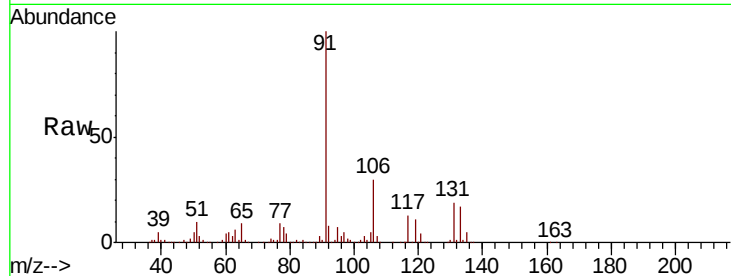




#67
Ethyl Benzene
Concen: 20.392 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.00 min
Lab File: VY000873.D
Acq: 05 Dec 2019 11:36

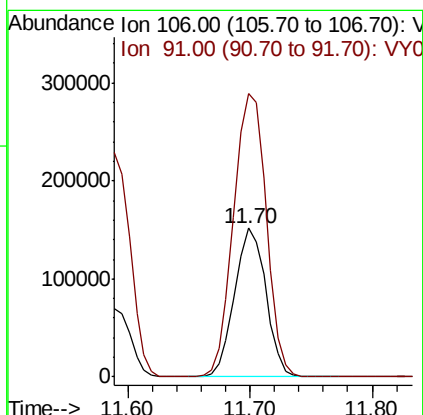
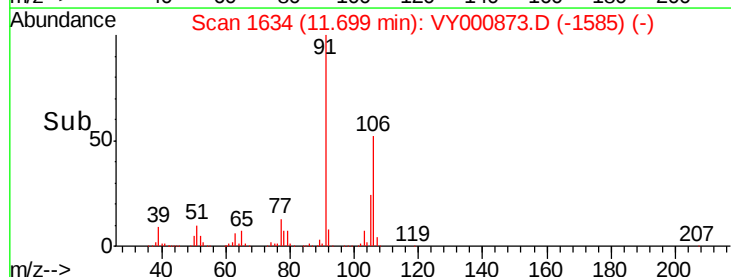
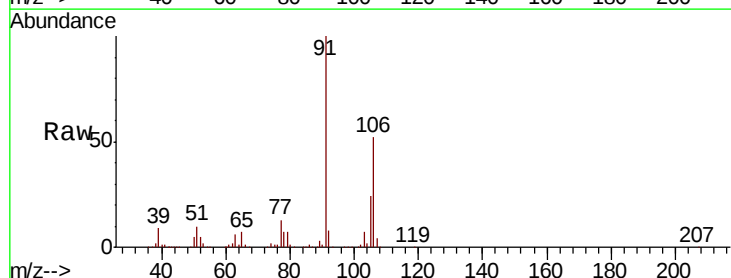
Instrument :
MSVOA_Y
ClientSampleId :
VY1205SBS01

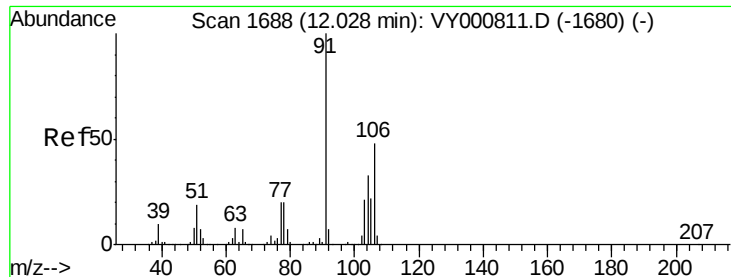
Tot Ion: 91 Resp: 355824
Ion Ratio Lower Upper
91 100
106 30.1 24.4 36.6



#68
m/p-Xylenes
Concen: 41.072 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. -0.00 min
Lab File: VY000873.D
Acq: 05 Dec 2019 11:36

Tgt Ion: 106 Resp: 268997
Ion Ratio Lower Upper
106 100
91 199.5 159.6 239.4

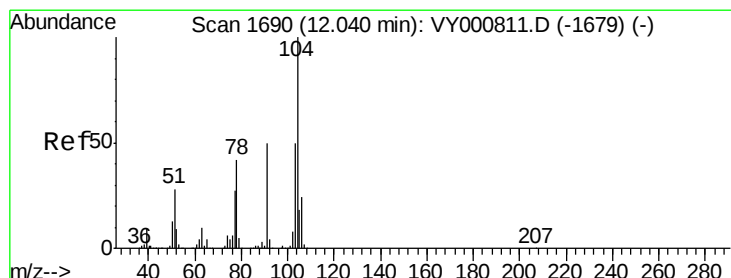
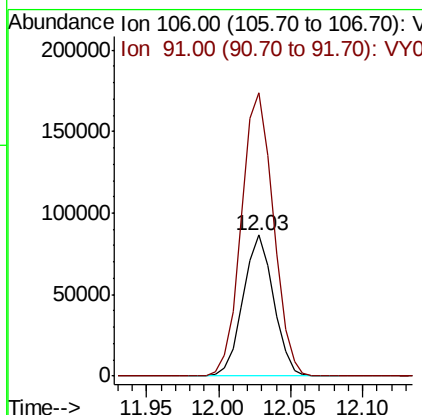
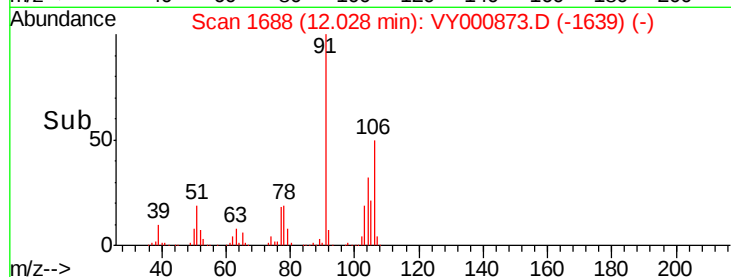
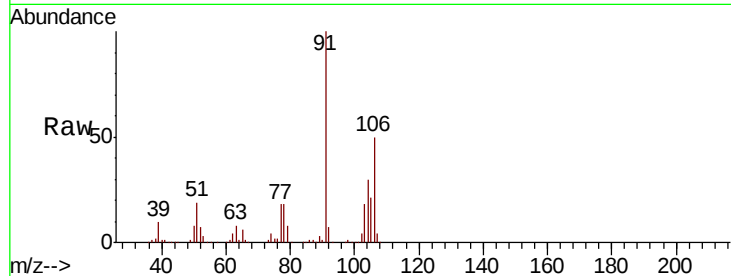




#69
o-Xylene
Concen: 20.888 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VY000873.D
Acq: 05 Dec 2019 11:36

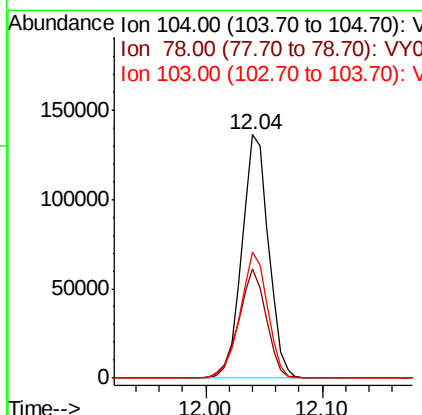
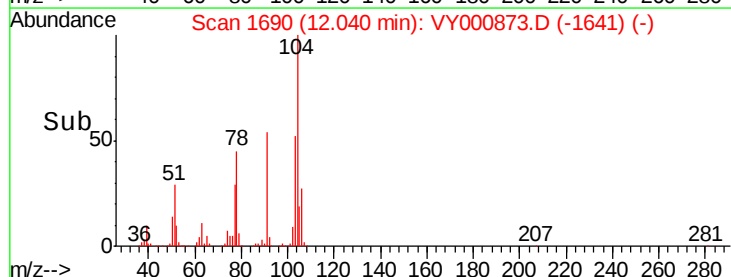
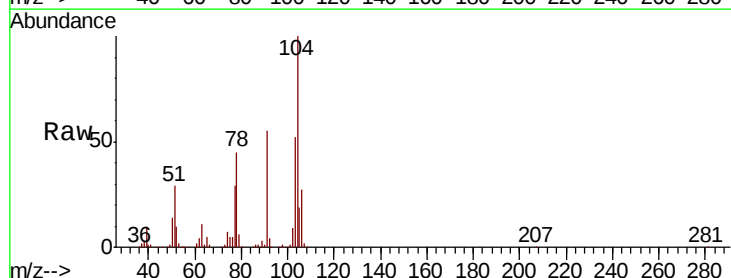
Instrument :
MSVOA_Y
ClientSampleId :
VY1205SBS01

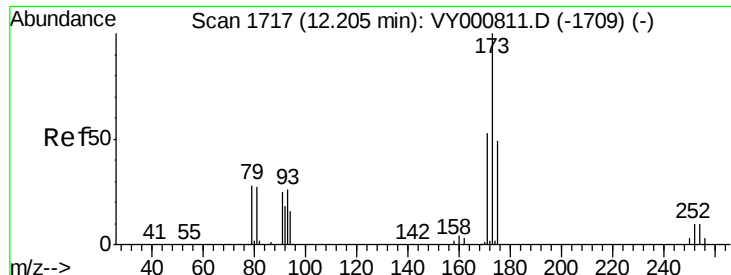
Tot Ion:106 Resp: 127555
Ion Ratio Lower Upper
106 100
91 209.7 106.1 318.1



#70
Styrene
Concen: 20.712 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. -0.00 min
Lab File: VY000873.D
Acq: 05 Dec 2019 11:36

Tgt Ion:104 Resp: 216571
Ion Ratio Lower Upper
104 100
78 46.9 38.2 57.4
103 53.3 43.4 65.0





#71

Bromoform

Concen: 19.838 ug/l

RT: 12.20 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VY000873.D

Acq: 05 Dec 2019 11:36

Instrument :

MSVOA_Y

ClientSampleId :

VY1205SBS01

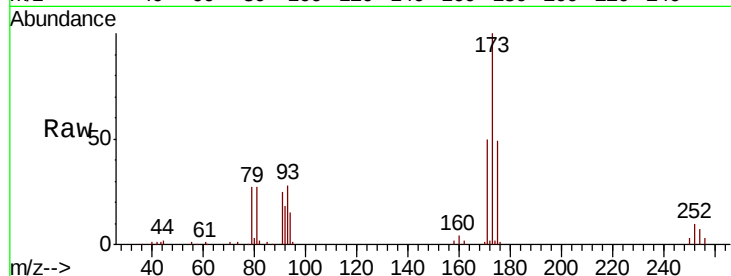
Tot Ion:173 Resp: 35328

Ion Ratio Lower Upper

173 100

175 47.7 24.5 73.5

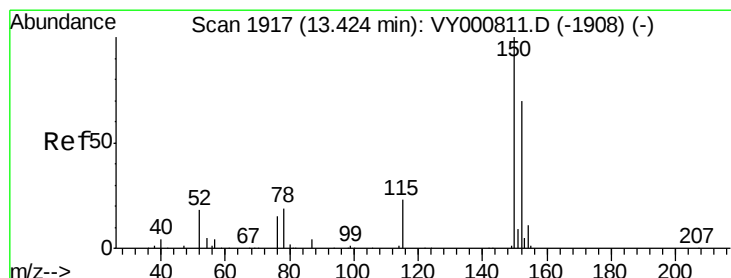
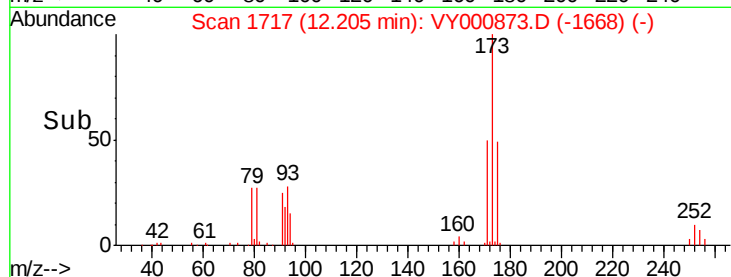
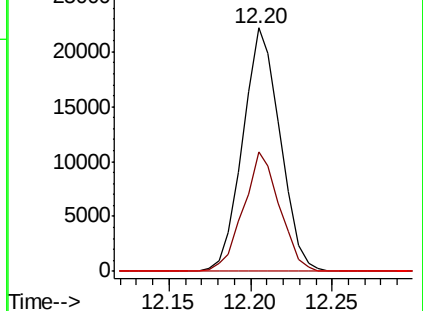
254 0.0 0.0 0.0



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. -0.00 min

Lab File: VY000873.D

Acq: 05 Dec 2019 11:36

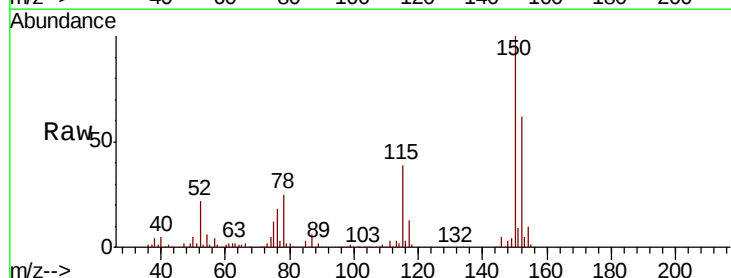
Tgt Ion:152 Resp: 210943

Ion Ratio Lower Upper

152 100

115 60.2 29.3 87.8

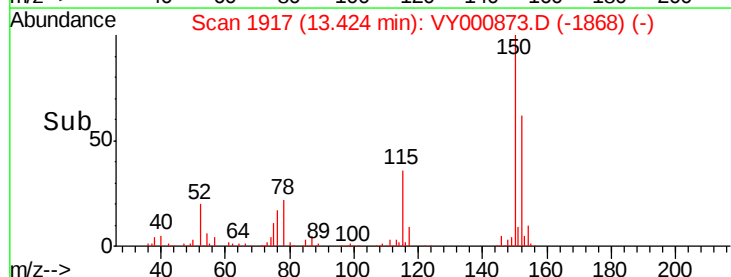
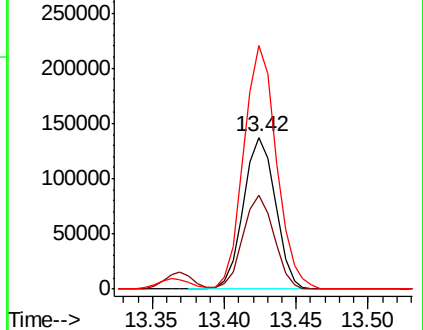
150 165.0 0.0 351.2

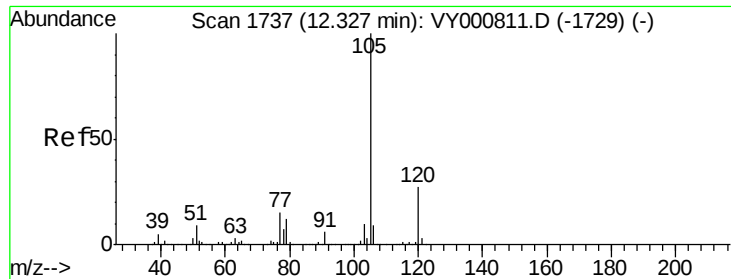


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.183 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. -0.00 min

Lab File: VY000873.D

Acq: 05 Dec 2019 11:36

Instrument :

MSVOA_Y

ClientSampleId :

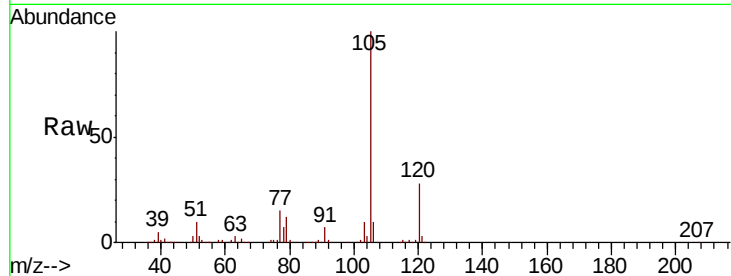
VY1205SBS01

Tot Ion:105 Resp: 338989

Ion Ratio Lower Upper

105 100

120 26.8 13.4 40.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.33

250000

200000

150000

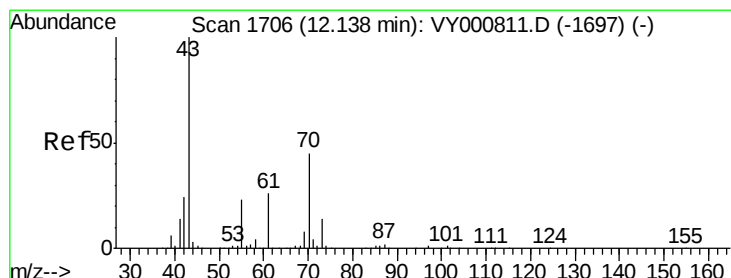
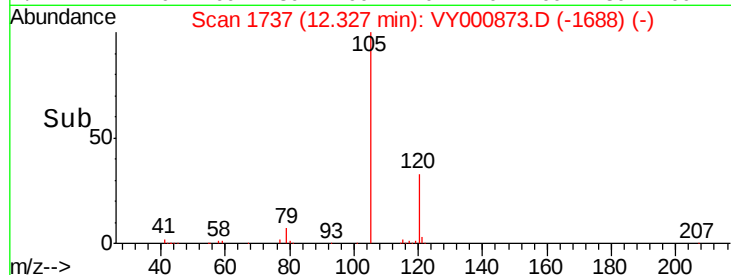
100000

50000

0

Time-->

12.25 12.30 12.35 12.40



#74

N-ethyl acetate

Concen: 19.511 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. 0.01 min

Lab File: VY000873.D

Acq: 05 Dec 2019 11:36

Tgt Ion: 43 Resp: 91212

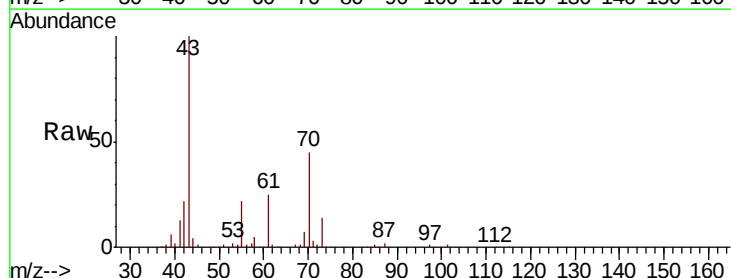
Ion Ratio Lower Upper

43 100

70 44.6 36.6 54.8

55 24.0 18.8 28.2

61 24.5 21.0 31.6



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 70.00 (69.70 to 70.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 61.00 (60.70 to 61.70): VY0

100000

80000

60000

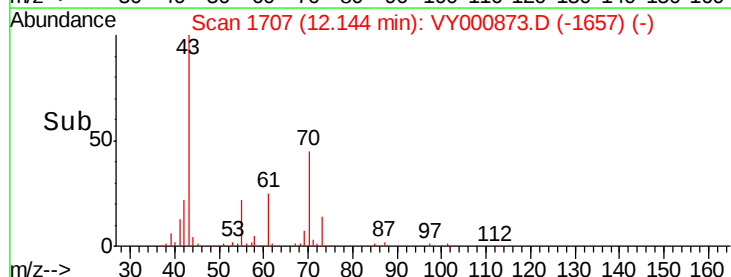
40000

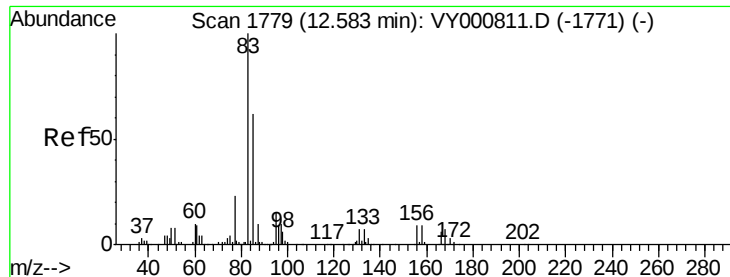
20000

0

Time-->

12.10 12.20





#75

1,1,2,2-Tetrachloroethane

Concen: 18.878 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VY000873.D

Acq: 05 Dec 2019 11:36

Instrument :

MSVOA_Y

ClientSampleId :

VY1205SBS01

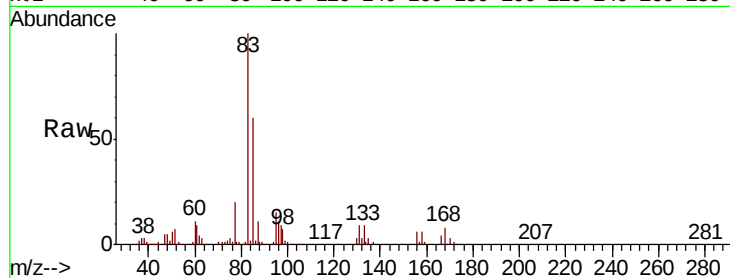
Tot Ion: 83 Resp: 62474

Ion Ratio Lower Upper

83 100

131 9.1 4.3 13.1

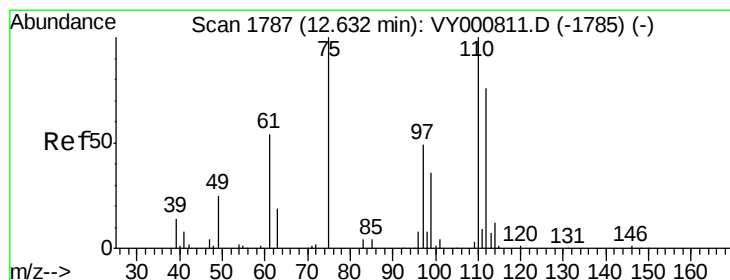
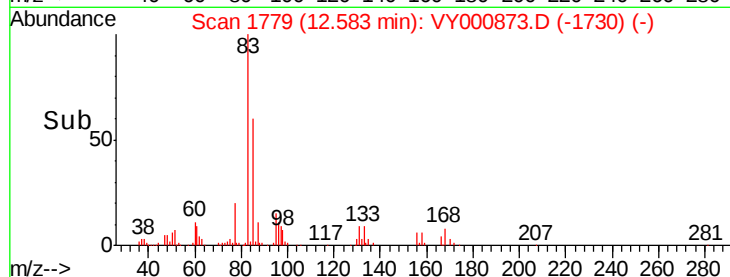
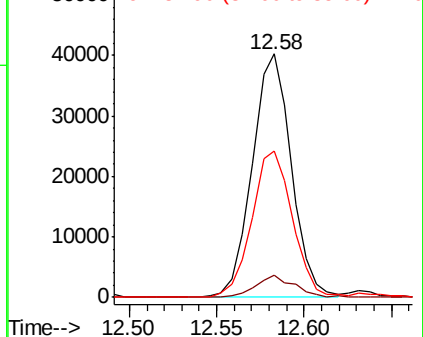
85 62.5 32.4 97.0



Abundance Ion 82.90 (82.60 to 83.60): VY0

Ion 130.80 (130.50 to 131.50): VY0

Ion 84.90 (84.60 to 85.60): VY0



#76

1,2,3-Trichloropropane

Concen: 37.789 ug/l

RT: 12.63 min Scan# 1787

Delta R.T. -0.00 min

Lab File: VY000873.D

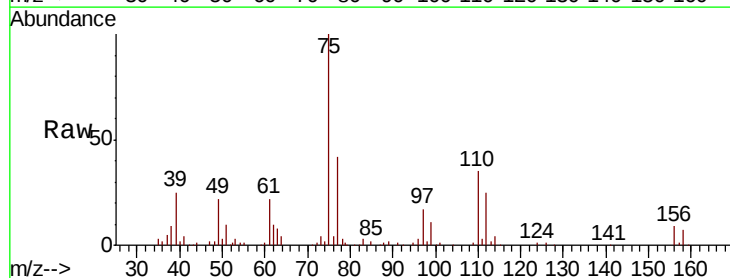
Acq: 05 Dec 2019 11:36

Tgt Ion: 75 Resp: 90315

Ion Ratio Lower Upper

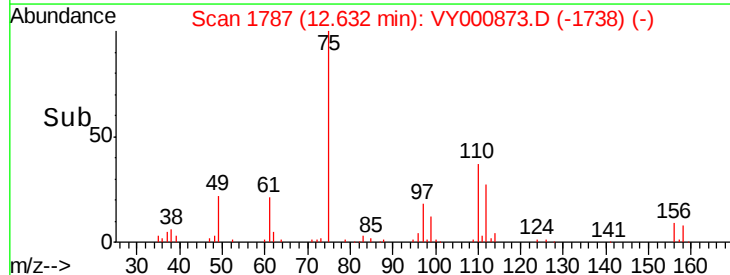
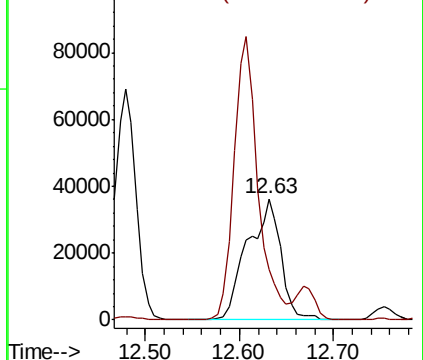
75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 77.00 (76.70 to 77.70): VY0

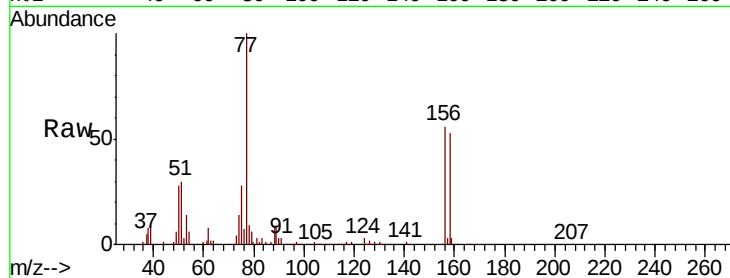




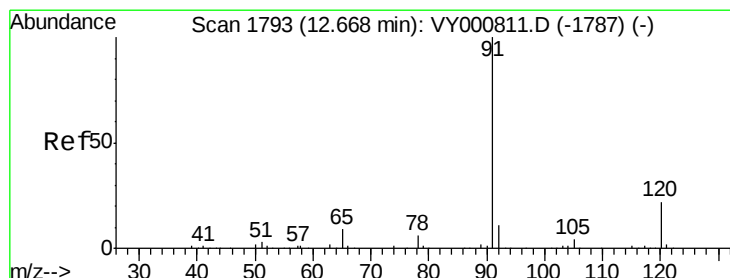
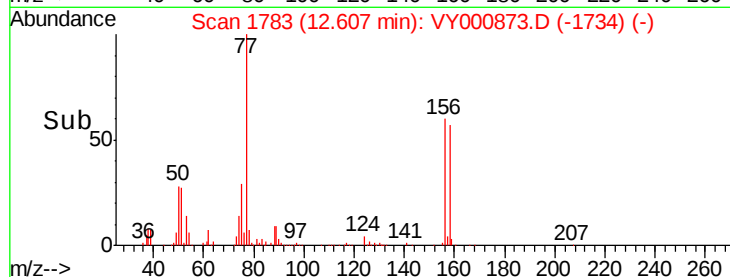
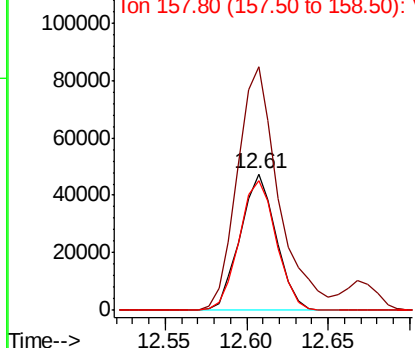
#77
Bromobenzene
Concen: 20.019 ug/l
RT: 12.61 min Scan# 1783
Delta R.T. -0.00 min
Lab File: VY000873.D
Acq: 05 Dec 2019 11:36

Instrument :
MSVOA_Y
ClientSampleId :
VY1205SBS01

Tot Ion:156 Resp: 72882
Ion Ratio Lower Upper
156 100
77 205.9 102.6 307.7
158 97.8 47.6 142.8

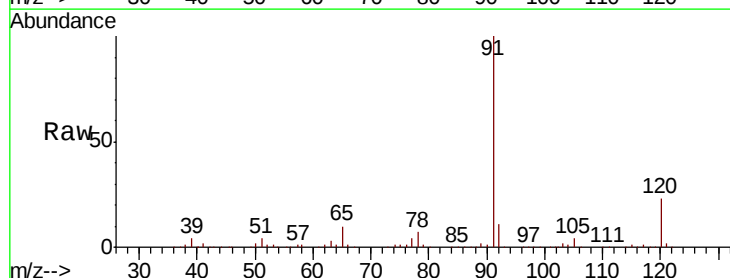


Abundance Ion 155.80 (155.50 to 156.50): V
Ion 77.00 (76.70 to 77.70): VY0
Ion 157.80 (157.50 to 158.50): V

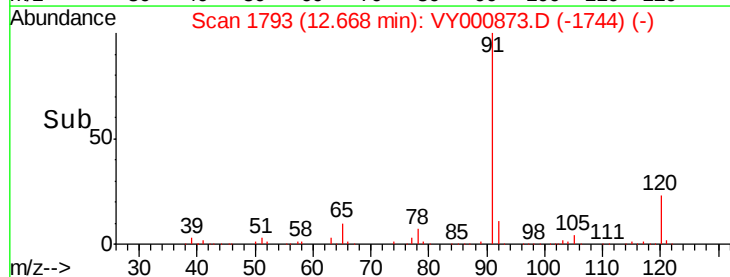
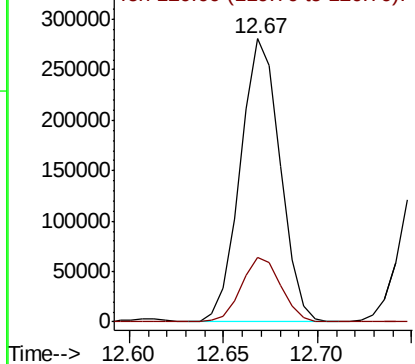


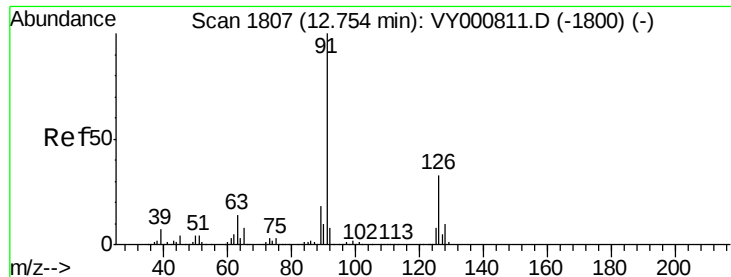
#78
n-propylbenzene
Concen: 20.050 ug/l
RT: 12.67 min Scan# 1793
Delta R.T. -0.00 min
Lab File: VY000873.D
Acq: 05 Dec 2019 11:36

Tgt Ion: 91 Resp: 411175
Ion Ratio Lower Upper
91 100
120 22.8 11.2 33.5



Abundance Ion 91.00 (90.70 to 91.70): VY0
Ion 120.00 (119.70 to 120.70): V

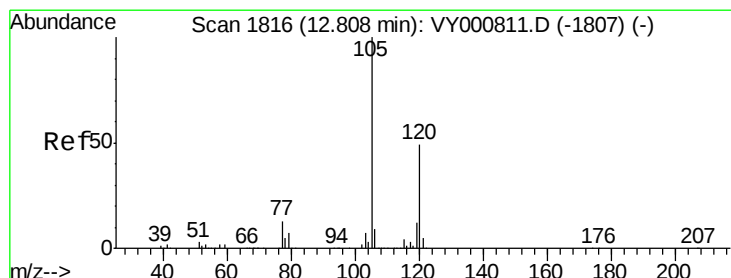
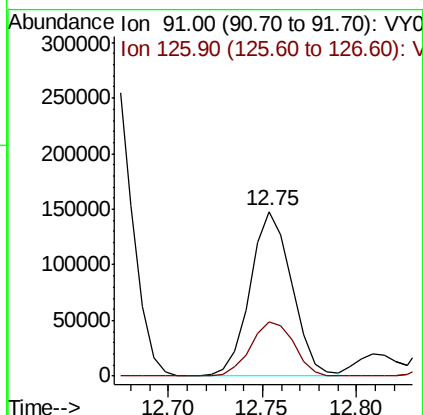
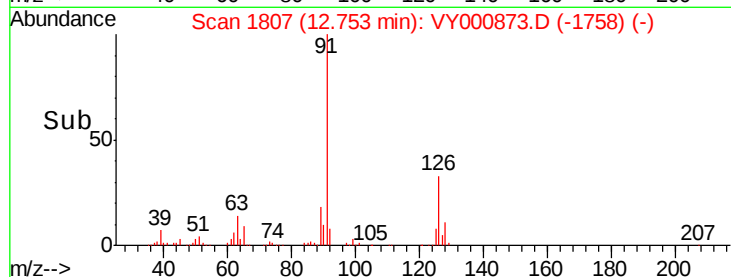
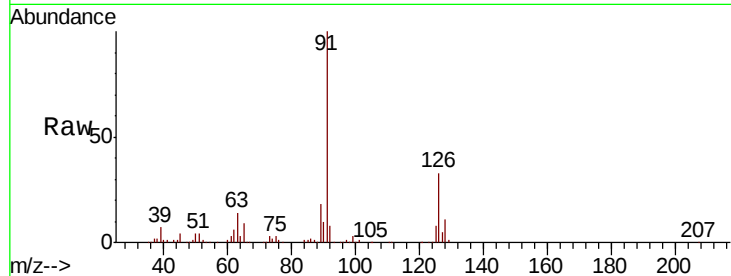




#79
 2-Chlorotoluene
 Concen: 20.017 ug/l
 RT: 12.75 min Scan# 1807
 Delta R.T. -0.00 min
 Lab File: VY000873.D
 Acq: 05 Dec 2019 11:36

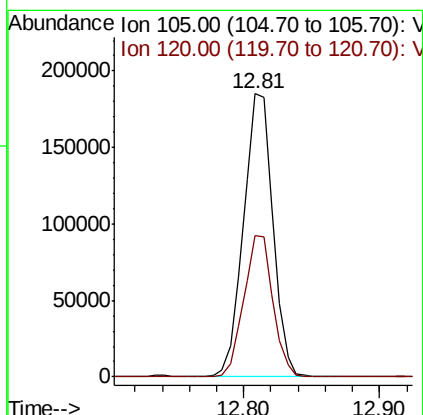
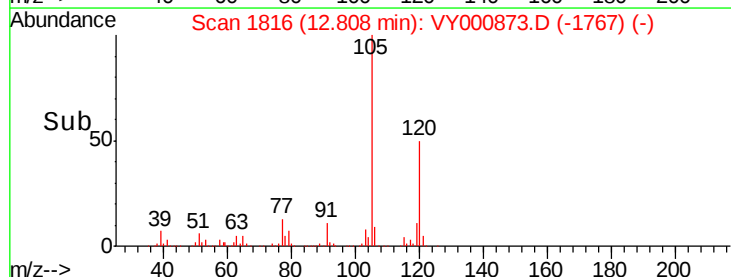
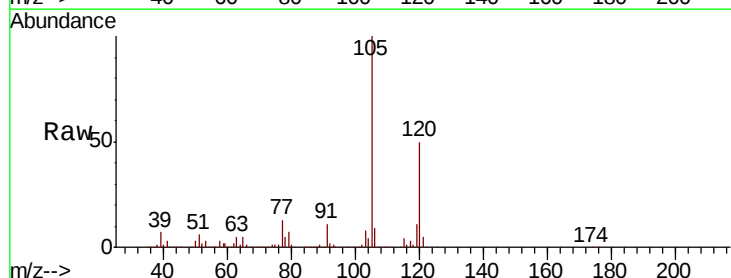
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1205SBS01

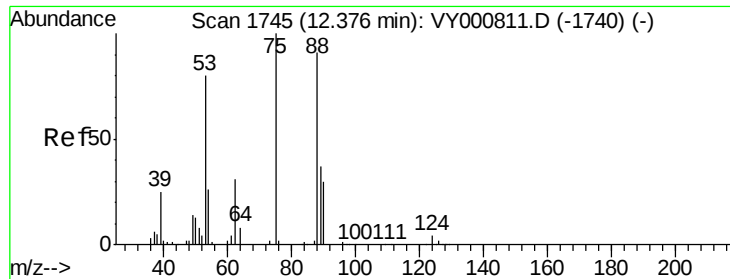
Tot Ion: 91 Resp: 226781
 Ion Ratio Lower Upper
 91 100
 126 34.5 17.0 51.0



#80
 1,3,5-Trimethylbenzene
 Concen: 20.123 ug/l
 RT: 12.81 min Scan# 1816
 Delta R.T. -0.00 min
 Lab File: VY000873.D
 Acq: 05 Dec 2019 11:36

Tgt Ion: 105 Resp: 279837
 Ion Ratio Lower Upper
 105 100
 120 49.5 24.6 74.0





#81

trans-1,4-Dichloro-2-butene

Concen: 18.420 ug/l

RT: 12.38 min Scan# 1745

Delta R.T. -0.00 min

Lab File: VY000873.D

Acq: 05 Dec 2019 11:36

Instrument :

MSVOA_Y

ClientSampleId :

VY1205SBS01

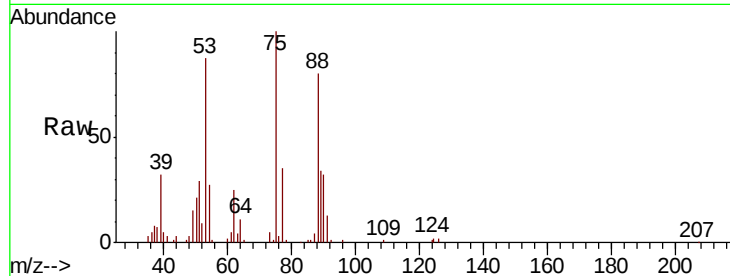
Tot Ion: 75 Resp: 22412

Ion Ratio Lower Upper

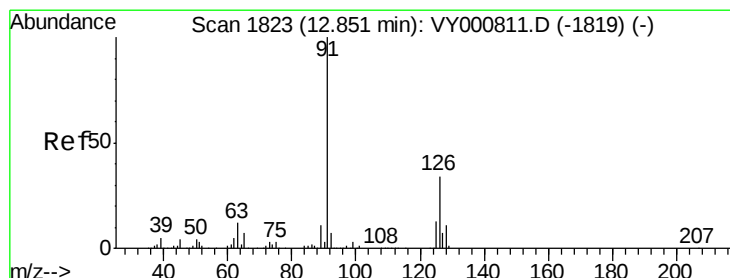
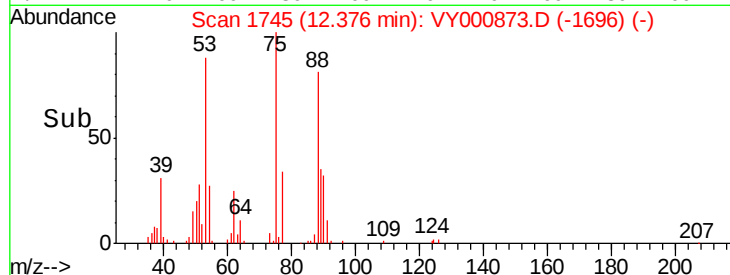
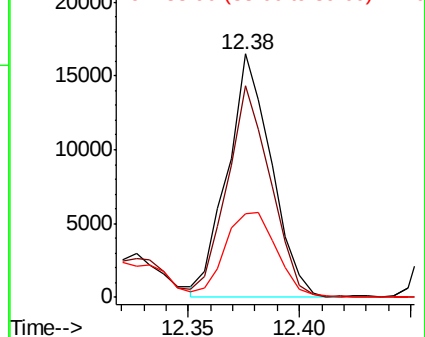
75 100

53 87.1 64.6 96.8

89 41.6 33.6 50.4



Abundance Ion 74.90 (74.60 to 75.60): VY0
Ion 53.00 (52.70 to 53.70): VY0
Ion 88.90 (88.60 to 89.60): VY0



#82

4-Chlorotoluene

Concen: 20.170 ug/l

RT: 12.85 min Scan# 1823

Delta R.T. -0.00 min

Lab File: VY000873.D

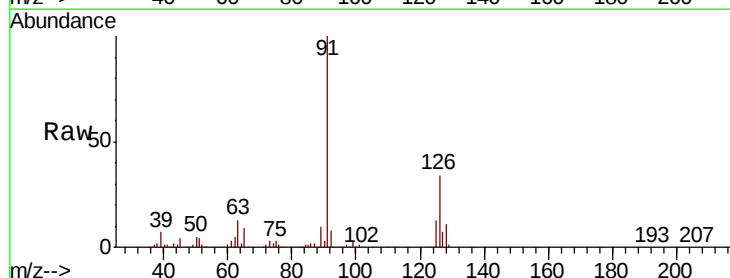
Acq: 05 Dec 2019 11:36

Tgt Ion: 91 Resp: 235431

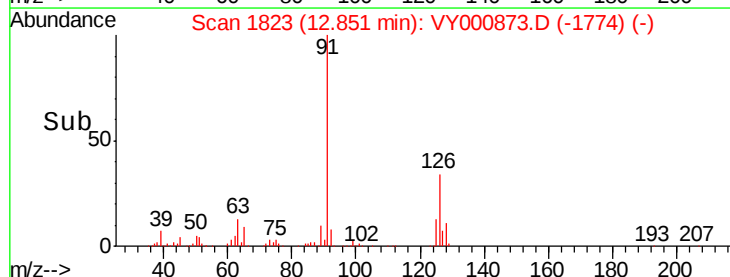
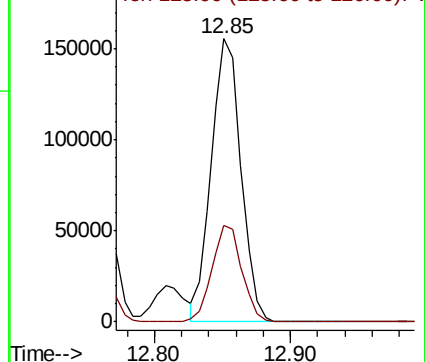
Ion Ratio Lower Upper

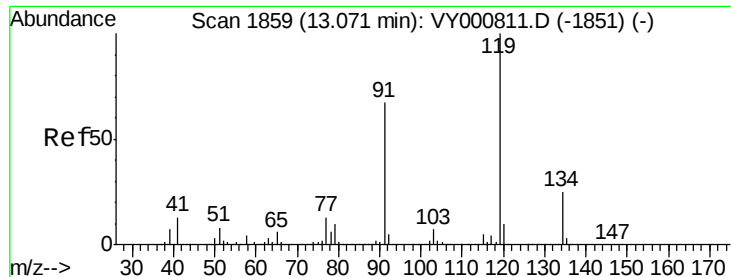
91 100

126 34.3 17.3 51.9



Abundance Ion 91.00 (90.70 to 91.70): VY0
Ion 125.90 (125.60 to 126.60): V

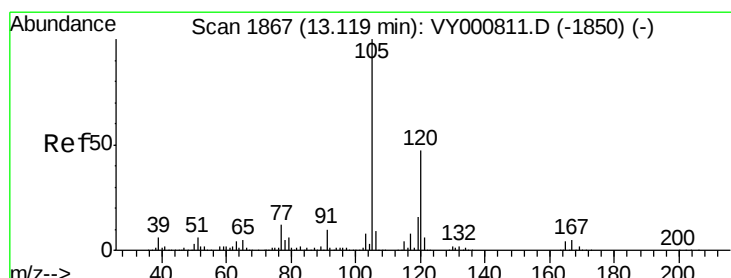
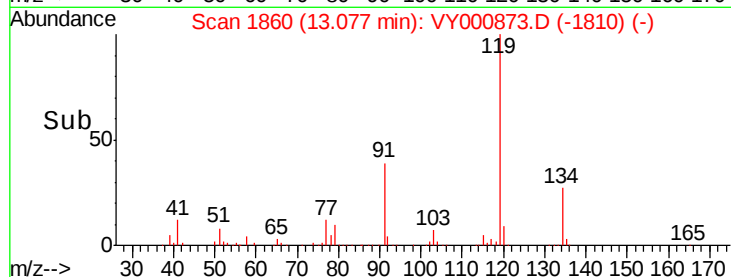
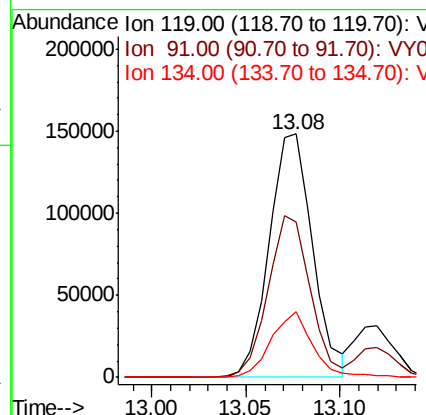
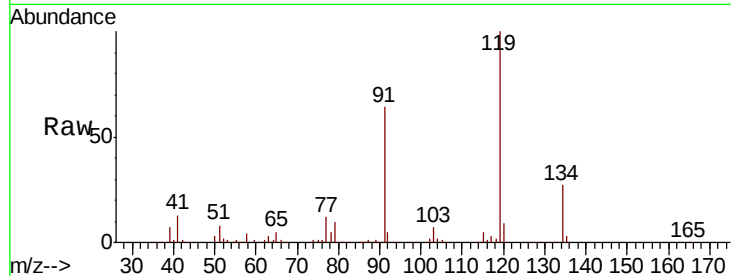




#83
tert-Butylbenzene
Concen: 20.251 ug/l
RT: 13.08 min Scan# 1860
Delta R.T. 0.01 min
Lab File: VY000873.D
Acq: 05 Dec 2019 11:36

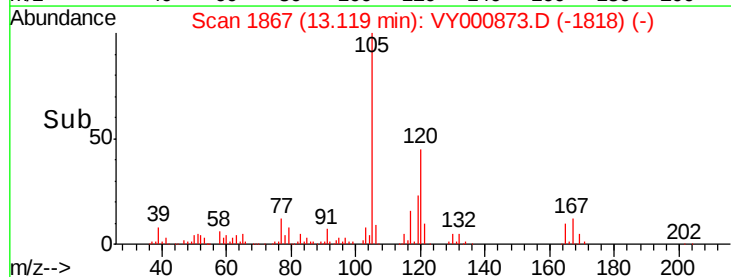
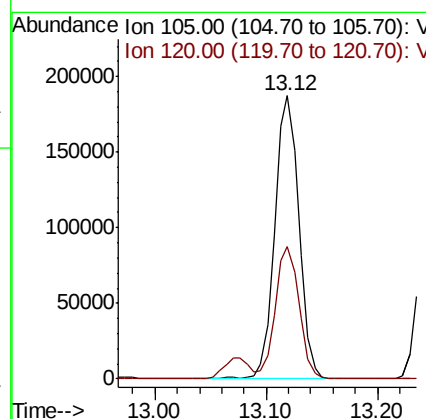
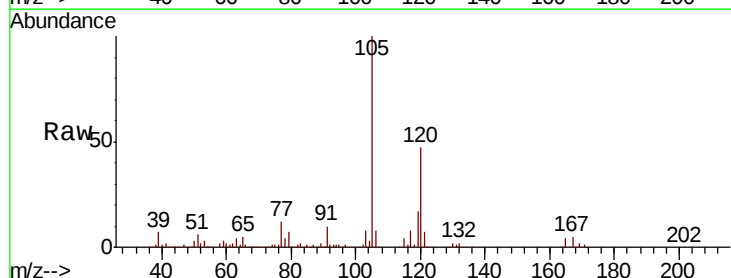
Instrument :
MSVOA_Y
ClientSampleId :
VY1205SBS01

Tot Ion:119 Resp: 236769
Ion Ratio Lower Upper
119 100
91 64.7 32.3 96.8
134 25.8 12.9 38.7



#84
1,2,4-Trimethylbenzene
Concen: 20.304 ug/l
RT: 13.12 min Scan# 1867
Delta R.T. -0.00 min
Lab File: VY000873.D
Acq: 05 Dec 2019 11:36

Tgt Ion:105 Resp: 282486
Ion Ratio Lower Upper
105 100
120 46.2 22.6 67.8





#85

sec-Butylbenzene

Concen: 20.245 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VY000873.D

Acq: 05 Dec 2019 11:36

Instrument :

MSVOA_Y

ClientSampleId :

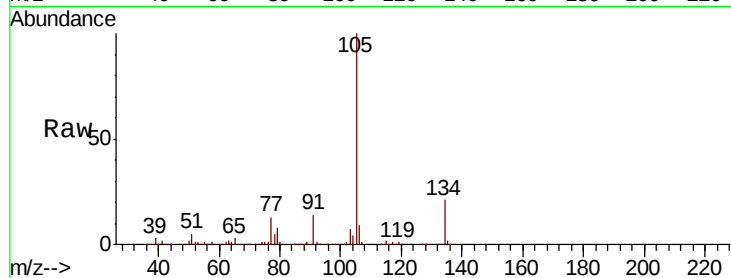
VY1205SBS01

Tot Ion:105 Resp: 344253

Ion Ratio Lower Upper

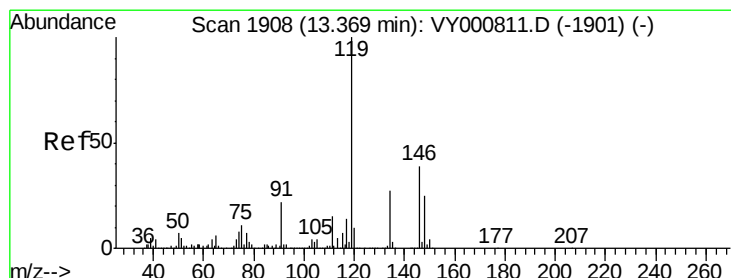
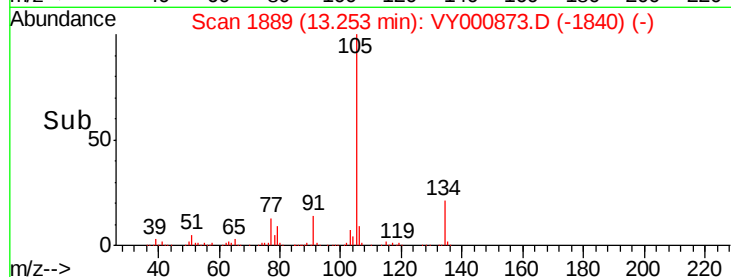
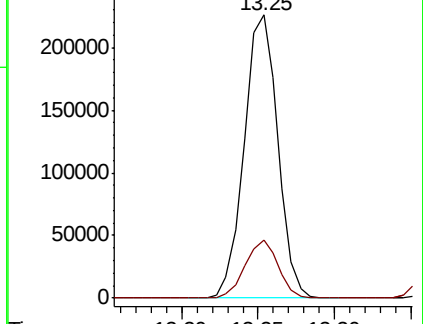
105 100

134 20.0 10.1 30.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 20.335 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. -0.00 min

Lab File: VY000873.D

Acq: 05 Dec 2019 11:36

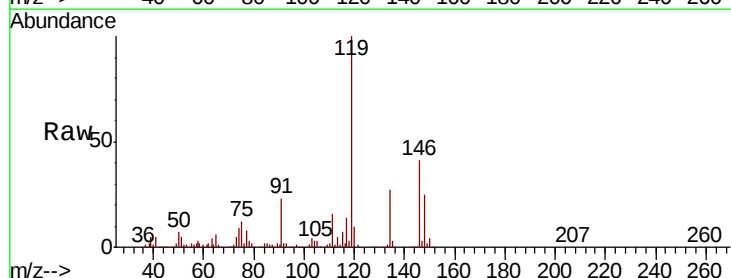
Tgt Ion:119 Resp: 300742

Ion Ratio Lower Upper

119 100

134 26.6 13.5 40.4

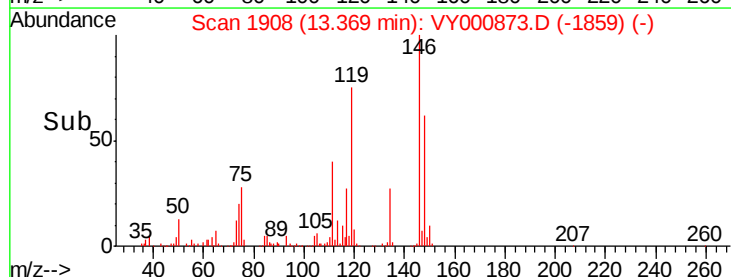
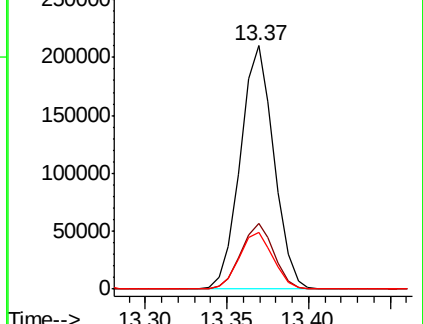
91 23.5 11.5 34.5

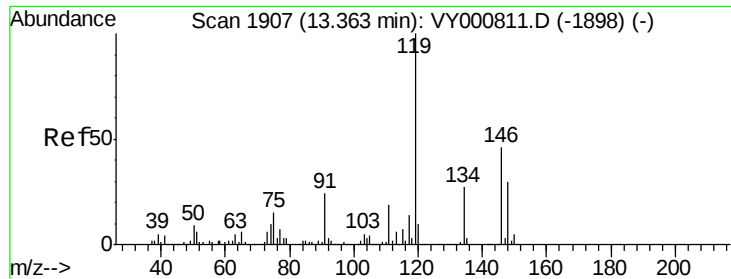


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0





#87

1,3-Dichlorobenzene

Concen: 20.182 ug/l

RT: 13.36 min Scan# 1907

Delta R.T. -0.00 min

Lab File: VY000873.D

Acq: 05 Dec 2019 11:36

Instrument :

MSVOA_Y

ClientSampleId :

VY1205SBS01

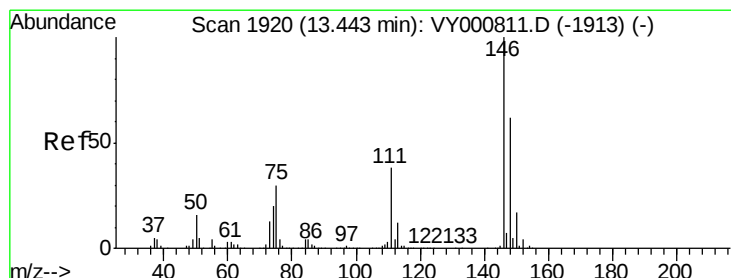
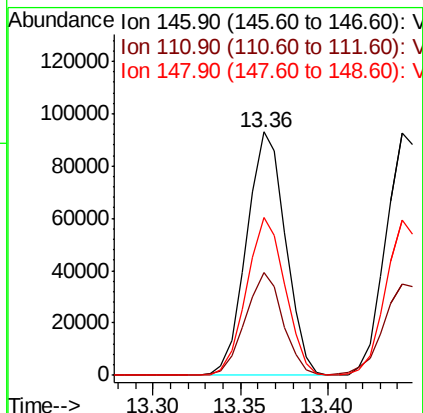
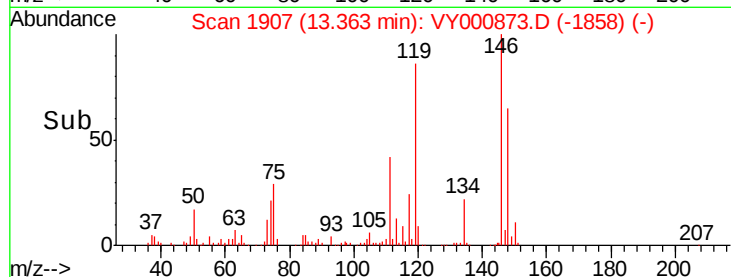
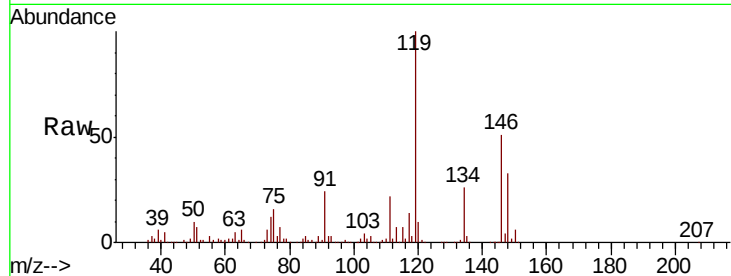
Tot Ion:146 Resp: 144143

Ion Ratio Lower Upper

146 100

111 40.6 20.0 60.0

148 64.0 32.1 96.5



#88

1,4-Dichlorobenzene

Concen: 20.250 ug/l

RT: 13.44 min Scan# 1920

Delta R.T. -0.00 min

Lab File: VY000873.D

Acq: 05 Dec 2019 11:36

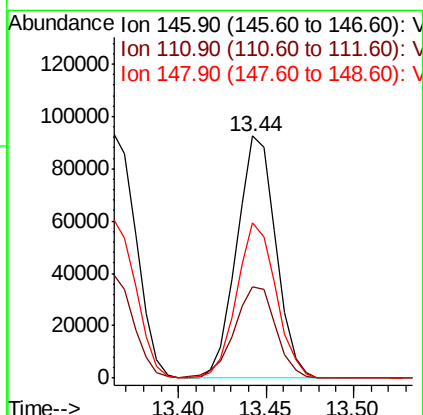
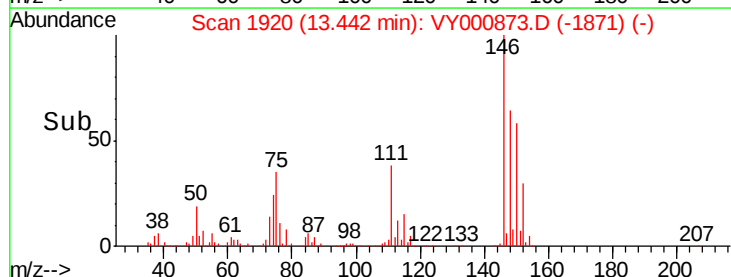
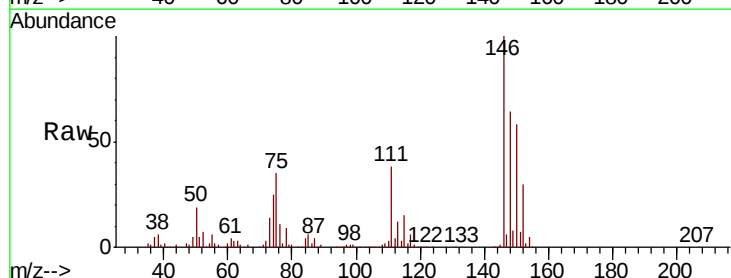
Tgt Ion:146 Resp: 143200

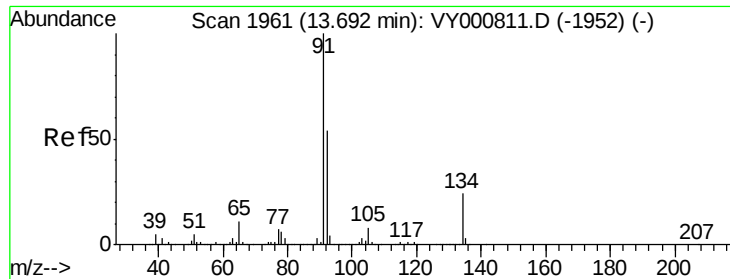
Ion Ratio Lower Upper

146 100

111 40.2 20.0 59.9

148 64.6 31.7 95.1

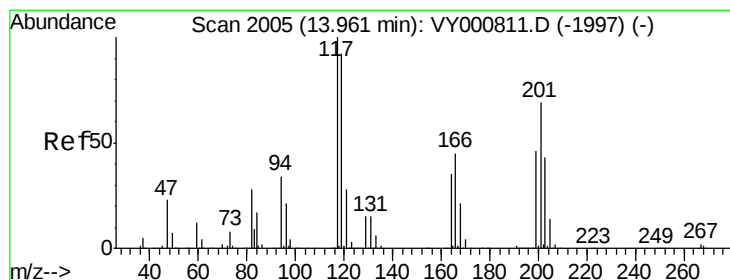
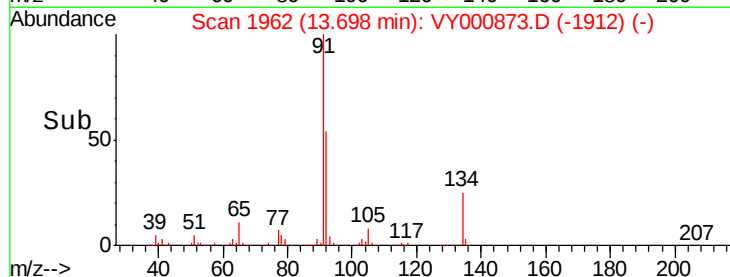
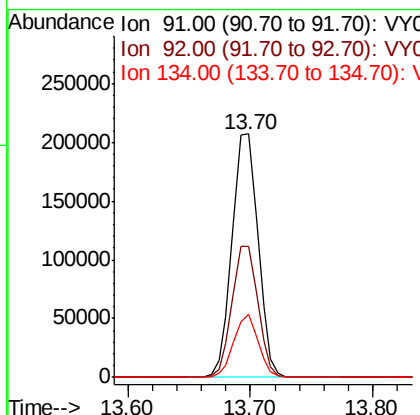
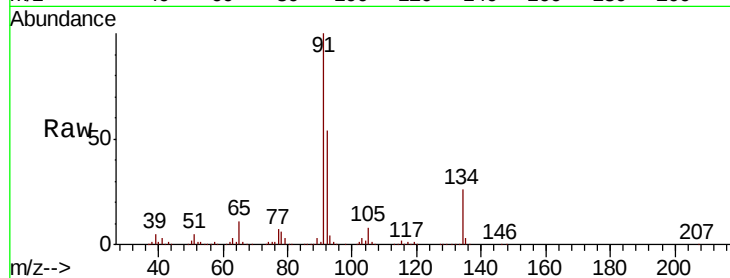




#89
n-Butylbenzene
Concen: 20.327 ug/l
RT: 13.70 min Scan# 1962
Delta R.T. 0.01 min
Lab File: VY000873.D
Acq: 05 Dec 2019 11:36

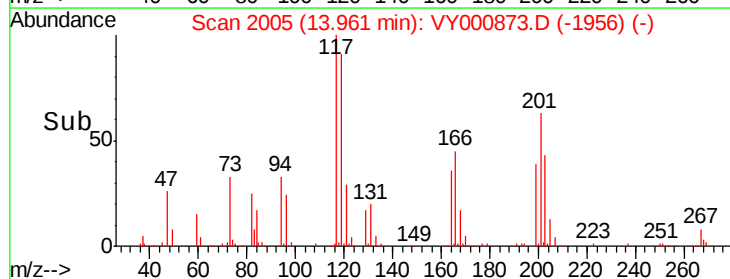
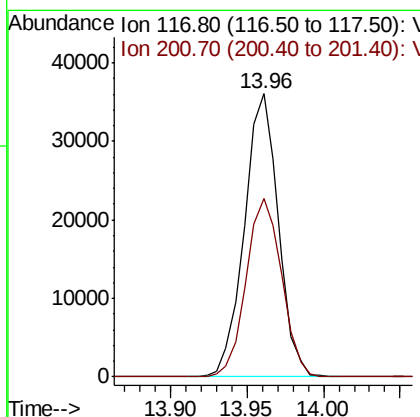
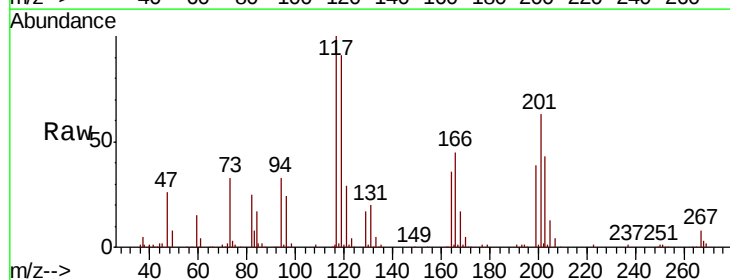
Instrument :
MSVOA_Y
ClientSampleId :
VY1205SBS01

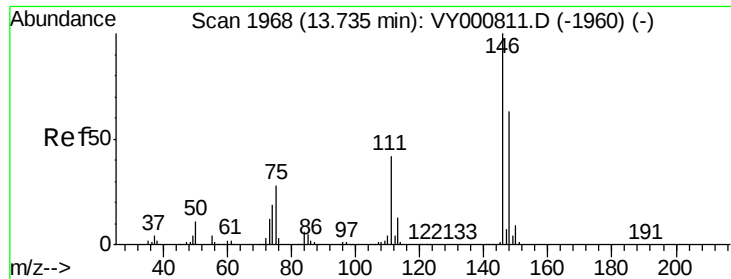
Tot Ion: 91 Resp: 303953
Ion Ratio Lower Upper
91 100
92 53.8 26.9 80.7
134 24.4 12.6 37.6



#90
Hexachloroethane
Concen: 20.381 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. -0.00 min
Lab File: VY000873.D
Acq: 05 Dec 2019 11:36

Tgt Ion: 117 Resp: 55527
Ion Ratio Lower Upper
117 100
201 66.0 34.0 102.0





#91

1,2-Dichlorobenzene

Concen: 20.567 ug/l

RT: 13.74 min Scan# 1969

Delta R.T. 0.01 min

Lab File: VY000873.D

Acq: 05 Dec 2019 11:36

Instrument :

MSVOA_Y

ClientSampleId :

VY1205SBS01

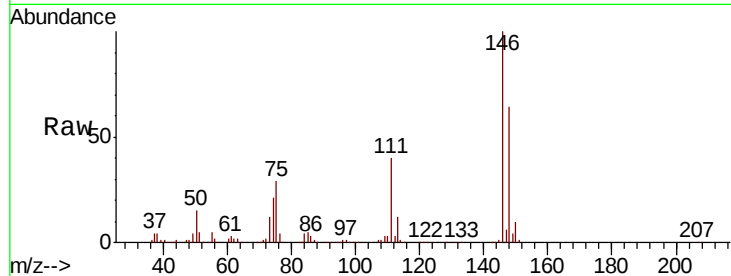
Tot Ion:146 Resp: 132127

Ion Ratio Lower Upper

146 100

111 40.9 20.9 62.7

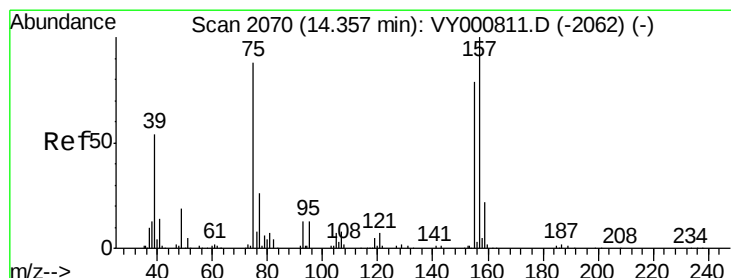
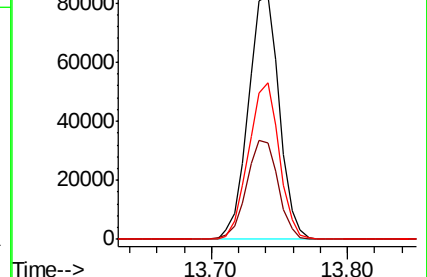
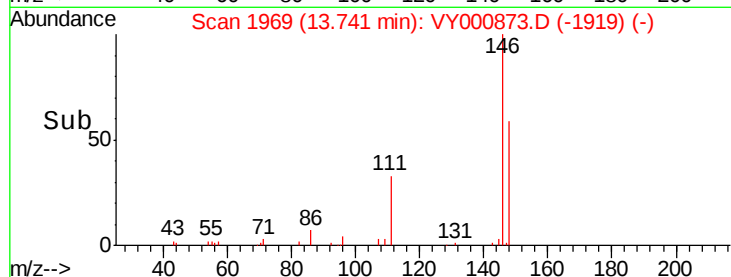
148 63.4 32.1 96.3



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.720 ug/l

RT: 14.36 min Scan# 2070

Delta R.T. -0.00 min

Lab File: VY000873.D

Acq: 05 Dec 2019 11:36

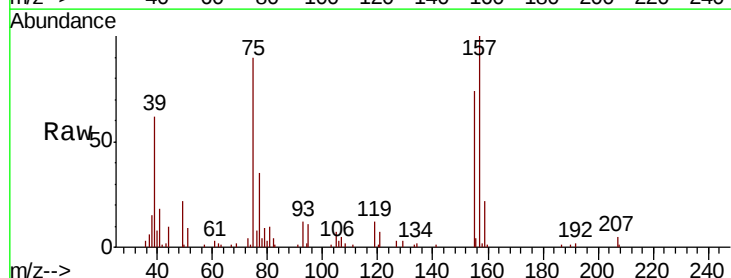
Tgt Ion: 75 Resp: 10926

Ion Ratio Lower Upper

75 100

155 82.3 44.3 132.9

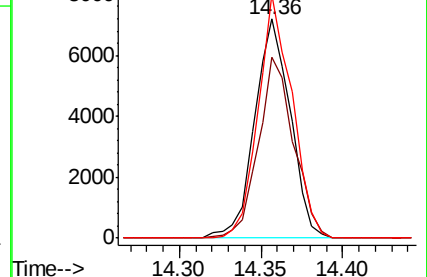
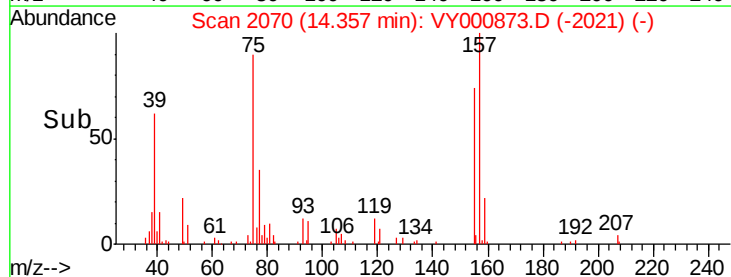
157 105.7 56.3 168.9



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

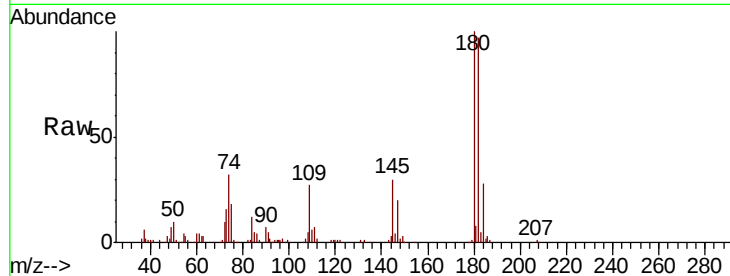




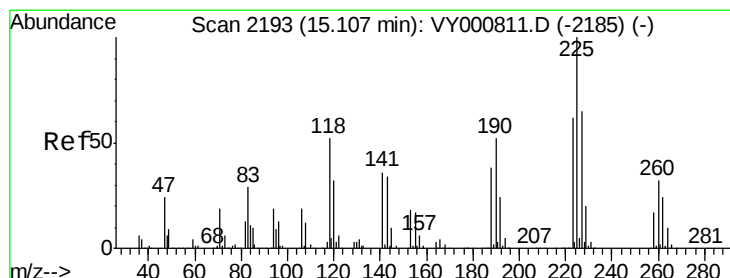
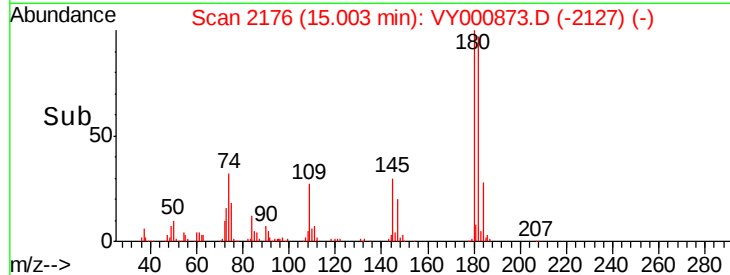
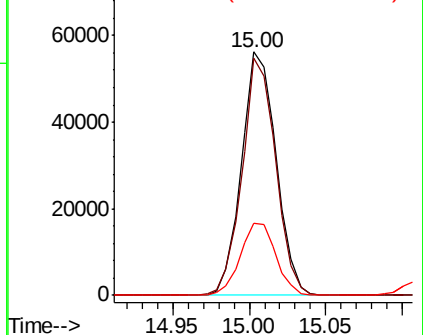
#93
 1,2,4-Trichlorobenzene
 Concen: 20.351 ug/l
 RT: 15.00 min Scan# 2176
 Delta R.T. -0.00 min
 Lab File: VY000873.D
 Acq: 05 Dec 2019 11:36

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1205SBS01

Tot Ion:180 Resp: 88469
 Ion Ratio Lower Upper
 180 100
 182 94.2 47.3 141.9
 145 30.3 16.0 47.9

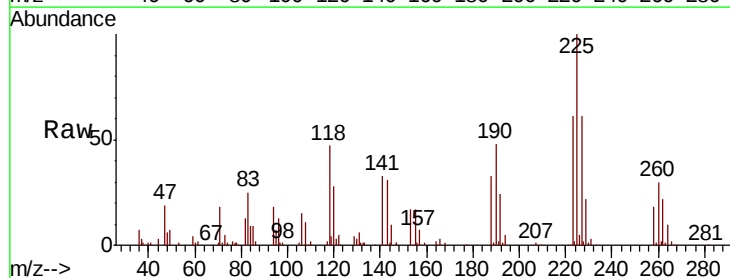


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

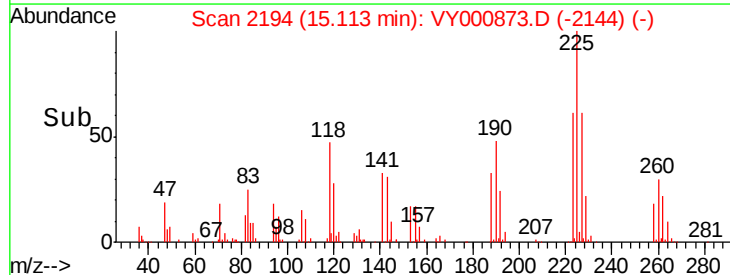
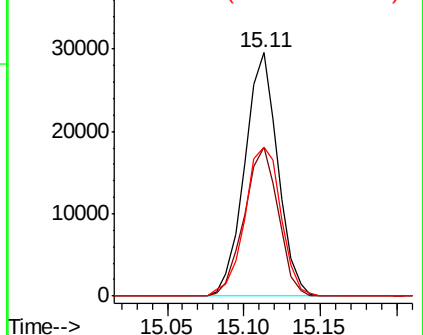


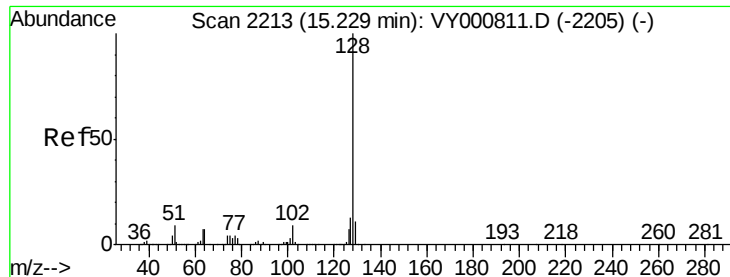
#94
 Hexachlorobutadiene
 Concen: 20.641 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. 0.01 min
 Lab File: VY000873.D
 Acq: 05 Dec 2019 11:36

Tgt Ion:225 Resp: 44487
 Ion Ratio Lower Upper
 225 100
 223 62.5 31.4 94.3
 227 66.8 31.8 95.3



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

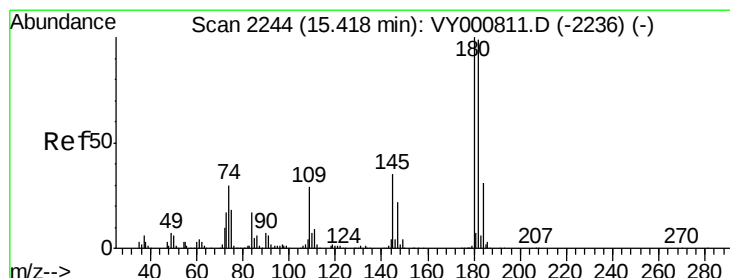
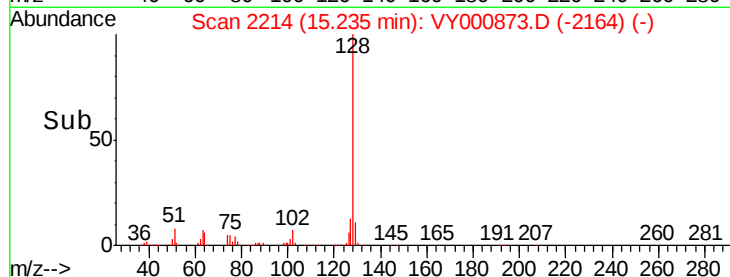
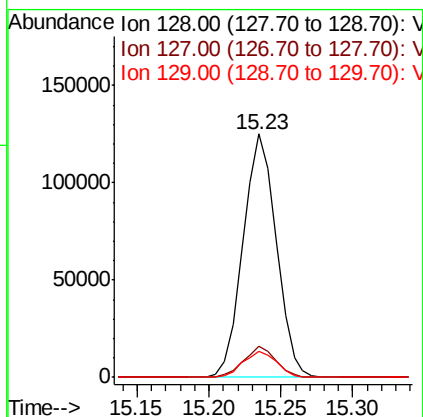
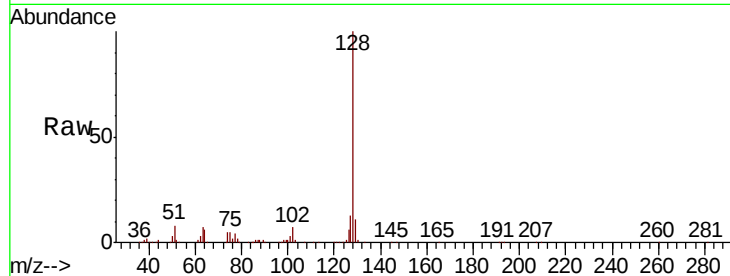




#95
Naphthalene
Concen: 19.789 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. 0.01 min
Lab File: VY000873.D
Acq: 05 Dec 2019 11:36

Instrument :
MSVOA_Y
ClientSampleId :
VY1205SBS01

Tot Ion:128 Resp: 199747
Ion Ratio Lower Upper
128 100
127 12.3 10.1 15.1
129 10.7 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 20.576 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. 0.01 min
Lab File: VY000873.D
Acq: 05 Dec 2019 11:36

Tgt Ion:180 Resp: 79895
Ion Ratio Lower Upper
180 100
182 93.2 48.0 144.0
145 33.0 16.9 50.6

