

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY120519\
 Data File : VY000874.D
 Acq On : 05 Dec 2019 11:57
 Operator : SY/MD
 Sample : VY1205SBSD01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1205SBSD01

Quant Time: Dec 06 03:59:17 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	285290	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	504256	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	450149	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	211389	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.15	65	156222	51.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.06%	
35) Dibromofluoromethane	7.73	113	150110	51.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.16%	
50) Toluene-d8	10.18	98	619082	52.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.38%	
62) 4-Bromofluorobenzene	12.48	95	212770	48.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.44%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.90	85	57544	18.738	ug/l	96
3) Chloromethane	2.11	50	76754	20.275	ug/l	98
4) Vinyl Chloride	2.25	62	73850	19.794	ug/l	100
5) Bromomethane	2.64	94	48372	19.965	ug/l	91
6) Chloroethane	2.79	64	47528	20.777	ug/l	97
7) Trichlorofluoromethane	3.13	101	100885	19.731	ug/l	93
8) Diethyl Ether	3.54	74	39390	20.468	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.90	101	64691	20.488	ug/l	97
10) Methyl Iodide	4.10	142	77946	19.607	ug/l	97
11) Tert butyl alcohol	4.96	59	27094	88.837	ug/l	98
12) 1,1-Dichloroethene	3.88	96	63516	20.305	ug/l	97
13) Acrolein	3.73	56	30757	102.376	ug/l	99
14) Allyl chloride	4.49	41	109083	20.338	ug/l	100
15) Acrylonitrile	5.18	53	98277	98.898	ug/l	100
16) Acetone	3.96	43	69808	100.384	ug/l	94
17) Carbon Disulfide	4.20	76	195815	19.355	ug/l	97
18) Methyl Acetate	4.48	43	57694	19.842	ug/l	99
19) Methyl tert-butyl Ether	5.24	73	172759	20.680	ug/l	100
20) Methylene Chloride	4.72	84	77436	21.125	ug/l	96
21) trans-1,2-Dichloroethene	5.23	96	71709	20.169	ug/l	98
22) Diisopropyl ether	6.13	45	229958	20.860	ug/l	93
23) Vinyl Acetate	6.07	43	702883	104.881	ug/l	99
24) 1,1-Dichloroethane	6.03	63	124793	20.539	ug/l	99
25) 2-Butanone	7.00	43	123281	95.968	ug/l	97
26) 2,2-Dichloropropane	6.99	77	102546	20.053	ug/l	98
27) cis-1,2-Dichloroethene	7.00	96	78640	20.462	ug/l	99
28) Bromochloromethane	7.35	49	30380	15.103	ug/l	95
29) Tetrahydrofuran	7.35	42	88316	103.749	ug/l	97
30) Chloroform	7.52	83	120186	19.718	ug/l	98
31) Cyclohexane	7.80	56	130001	20.198	ug/l	96
32) 1,1,1-Trichloroethane	7.71	97	100461	19.960	ug/l	97
36) 1,1-Dichloropropene	7.92	75	98846	19.715	ug/l	99
37) Ethyl Acetate	7.08	43	56476	19.508	ug/l	99
38) Carbon Tetrachloride	7.91	117	87255	19.541	ug/l	94

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	9.19	83	128620	19.363	ug/l	94
40) Benzene	8.17	78	296911	20.330	ug/l	100
41) Methacrylonitrile	7.35	41	77287	50.652	ug/l #	1
42) 1,2-Dichloroethane	8.25	62	74647	19.435	ug/l	99
43) Isopropyl Acetate	8.28	43	104182	19.096	ug/l	100
44) Trichloroethene	8.94	130	75333	20.071	ug/l	96
45) 1,2-Dichloropropane	9.22	63	76243	20.784	ug/l	98
46) Dibromomethane	9.31	93	39012	20.354	ug/l	98
47) Bromodichloromethane	9.50	83	89281	19.829	ug/l	97
48) Methyl methacrylate	9.30	41	46500	19.383	ug/l	95
49) 1,4-Dioxane	9.30	88	10515	387.177	ug/l #	91
51) 4-Methyl-2-Pentanone	10.07	43	279620	99.198	ug/l	99
52) Toluene	10.24	92	181692	20.093	ug/l	98
53) t-1,3-Dichloropropene	10.47	75	99214	20.509	ug/l	100
54) cis-1,3-Dichloropropene	9.93	75	117062	20.473	ug/l	97
55) 1,1,2-Trichloroethane	10.64	97	57054	20.148	ug/l	94
56) Ethyl methacrylate	10.51	69	81777	20.187	ug/l	99
57) 1,3-Dichloropropane	10.79	76	99302	20.120	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.78	63	164568	100.752	ug/l	100
59) 2-Hexanone	10.83	43	194445	94.666	ug/l	98
60) Dibromochloromethane	10.99	129	60426	19.822	ug/l	98
61) 1,2-Dibromoethane	11.09	107	54384	20.378	ug/l	99
64) Tetrachloroethene	10.72	164	80713	20.637	ug/l	95
65) Chlorobenzene	11.52	112	189524	20.255	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.59	131	64831	20.559	ug/l	99
67) Ethyl Benzene	11.59	91	351541	20.173	ug/l	100
68) m/p-Xylenes	11.70	106	267262	40.860	ug/l	98
69) o-Xylene	12.03	106	125228	20.534	ug/l	98
70) Styrene	12.04	104	214599	20.550	ug/l	99
71) Bromoform	12.20	173	34227	19.245	ug/l #	99
73) Isopropylbenzene	12.33	105	339559	20.174	ug/l	99
74) N-amyl acetate	12.14	43	87879	18.758	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	62391	18.813	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	87228	36.421	ug/l #	100
77) Bromobenzene	12.61	156	74834	20.511	ug/l	95
78) n-propylbenzene	12.67	91	411727	20.034	ug/l	99
79) 2-Chlorotoluene	12.75	91	228889	20.160	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	276100	19.812	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	23285	19.097	ug/l	99
82) 4-Chlorotoluene	12.85	91	235756	20.155	ug/l	99
83) tert-Butylbenzene	13.07	119	239565	20.447	ug/l	98
84) 1,2,4-Trimethylbenzene	13.12	105	278412	19.969	ug/l	97
85) sec-Butylbenzene	13.25	105	337312	19.795	ug/l	99
86) p-Isopropyltoluene	13.37	119	296256	19.989	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	144782	20.229	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	145966	20.597	ug/l	99
89) n-Butylbenzene	13.69	91	304436	20.316	ug/l	99
90) Hexachloroethane	13.96	117	54922	20.116	ug/l	99
91) 1,2-Dichlorobenzene	13.73	146	131833	20.478	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.36	75	11118	20.025	ug/l	88

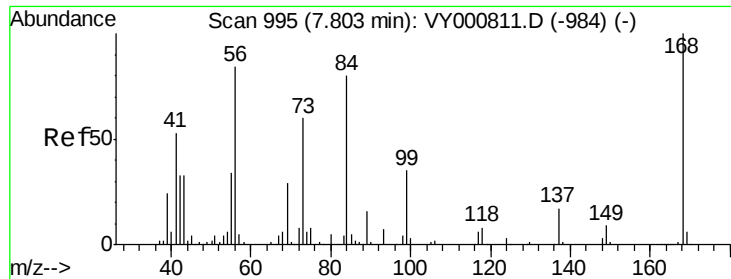
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY120519\
Data File : VY000874.D
Acq On : 05 Dec 2019 11:57
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Sample : VY1205SBSD01
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Quant Title : SW846 8260
QLast Update : Wed Nov 27 12:40:47 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	88886	20.404	ug/l	98
94) Hexachlorobutadiene	15.11	225	45054	20.860	ug/l	98
95) Naphthalene	15.23	128	205764	20.342	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	78922	20.283	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.00 min

Lab File: VY000874.D

Acq: 05 Dec 2019 11:57

Instrument :

MSVOA_Y

ClientSampleId :

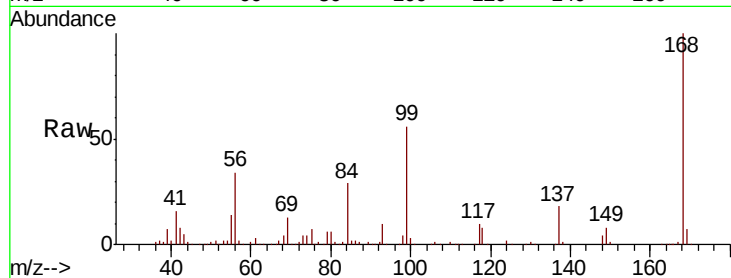
VY1205SBS01

Tot Ion:168 Resp: 285290

Ion Ratio Lower Upper

168 100

99 56.1 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) (-)

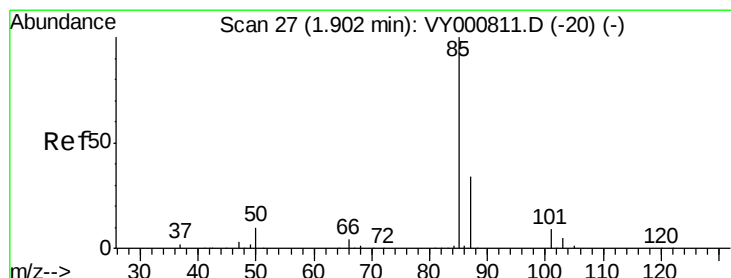
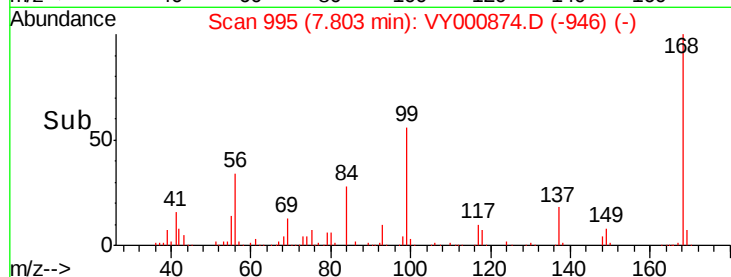
7.80

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 18.738 ug/l

RT: 1.90 min Scan# 27

Delta R.T. -0.00 min

Lab File: VY000874.D

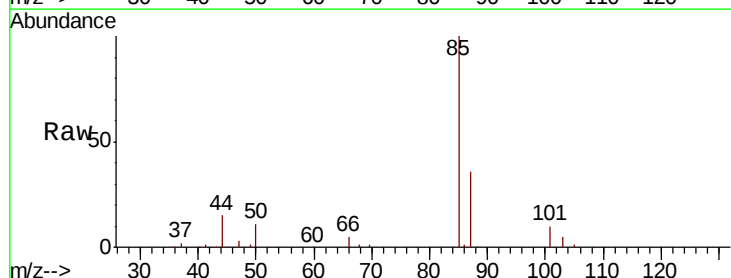
Acq: 05 Dec 2019 11:57

Tgt Ion: 85 Resp: 57544

Ion Ratio Lower Upper

85 100

87 35.9 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

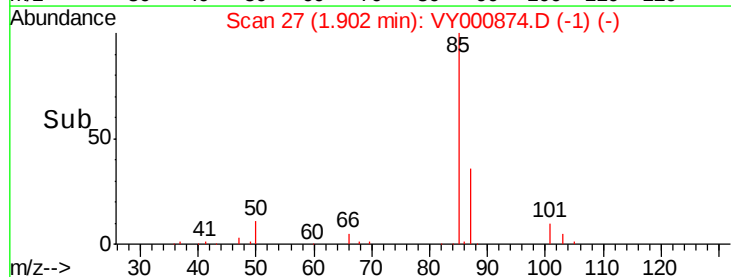
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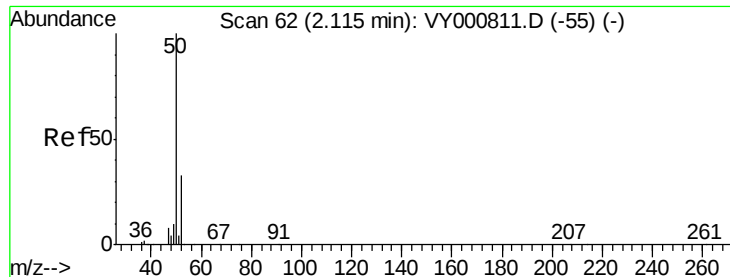
20000

10000

0

Time-->





#3

Chloromethane

Concen: 20.275 ug/l

RT: 2.11 min Scan# 62

Delta R.T. -0.00 min

Lab File: VY000874.D

Acq: 05 Dec 2019 11:57

Instrument :

MSVOA_Y

ClientSampleId :

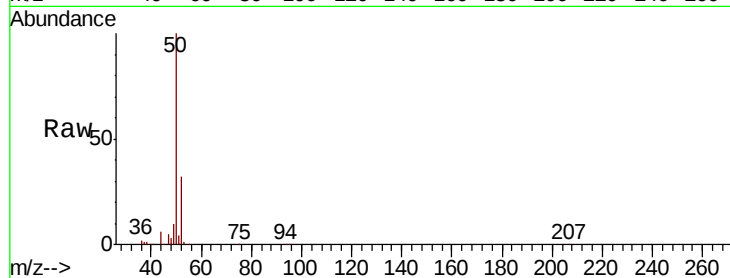
VY1205SBSD01

Tot Ion: 50 Resp: 76754

Ion Ratio Lower Upper

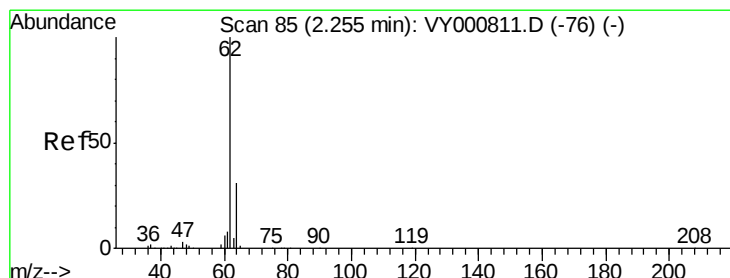
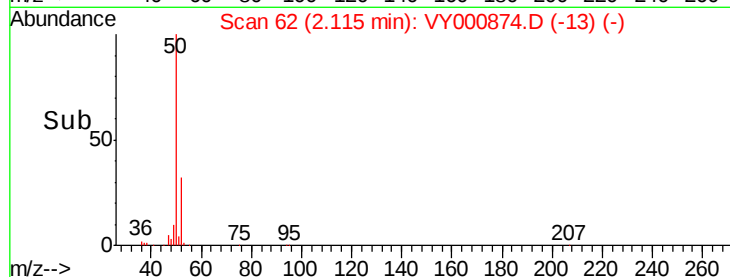
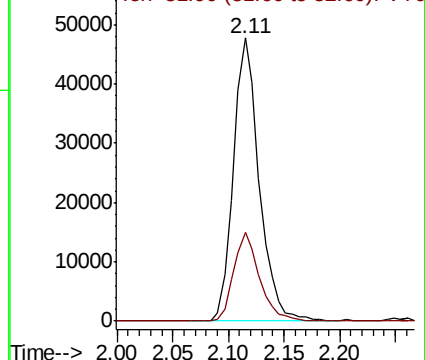
50 100

52 31.6 26.0 39.0



Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0



#4

Vinyl Chloride

Concen: 19.794 ug/l

RT: 2.25 min Scan# 84

Delta R.T. -0.01 min

Lab File: VY000874.D

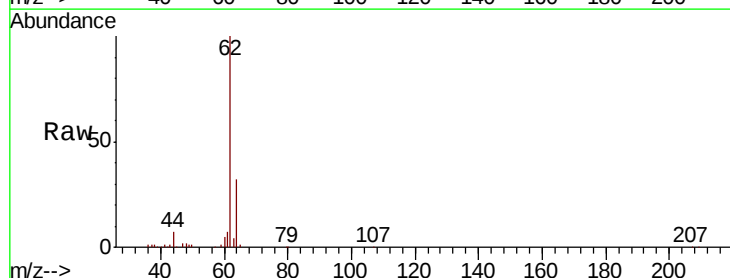
Acq: 05 Dec 2019 11:57

Tgt Ion: 62 Resp: 73850

Ion Ratio Lower Upper

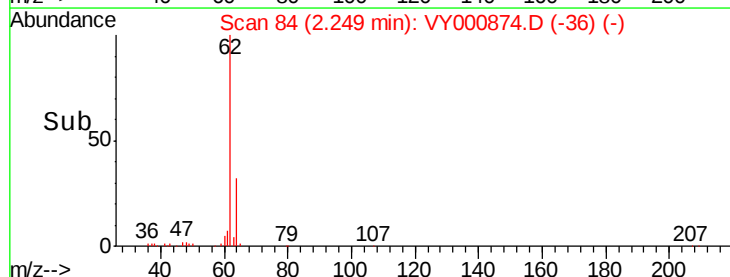
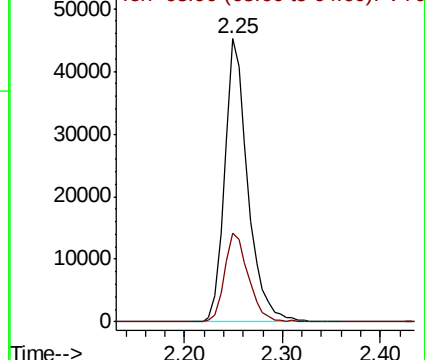
62 100

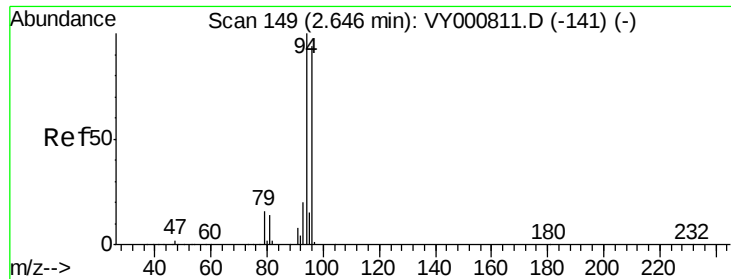
64 31.5 25.1 37.7



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 19.965 ug/l

RT: 2.64 min Scan# 148

Delta R.T. -0.01 min

Lab File: VY000874.D

Acq: 05 Dec 2019 11:57

Instrument :

MSVOA_Y

ClientSampleId :

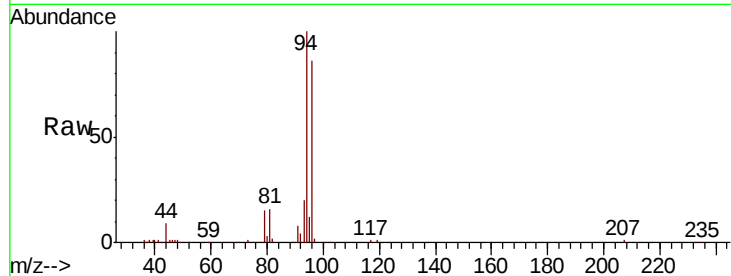
VY1205SBS01

Tot Ion: 94 Resp: 48372

Ion Ratio Lower Upper

94 100

96 85.8 75.2 112.8



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0

25000

20000

15000

10000

5000

0

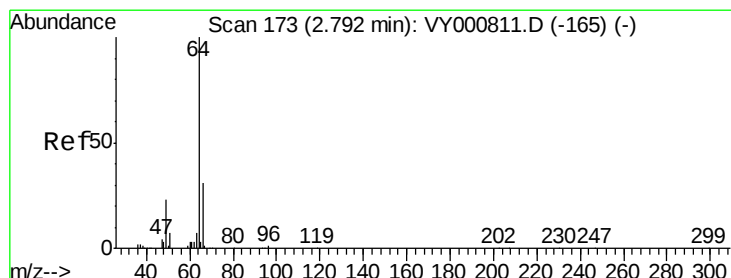
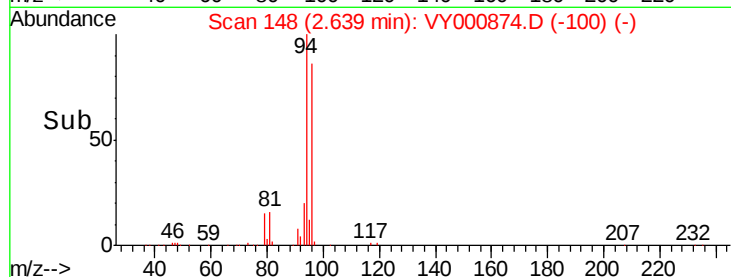
Time-->

2.50

2.60

2.70

2.80



#6

Chloroethane

Concen: 20.777 ug/l

RT: 2.79 min Scan# 173

Delta R.T. -0.00 min

Lab File: VY000874.D

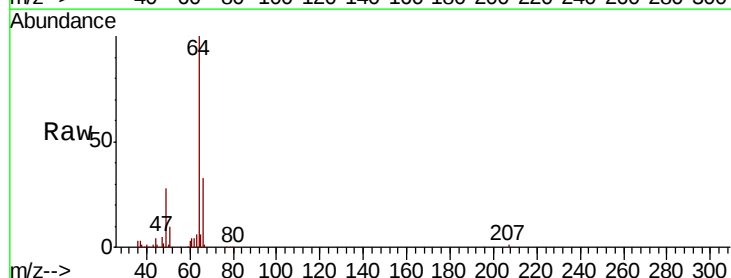
Acq: 05 Dec 2019 11:57

Tgt Ion: 64 Resp: 47528

Ion Ratio Lower Upper

64 100

66 32.8 25.0 37.4



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0

25000

20000

15000

10000

5000

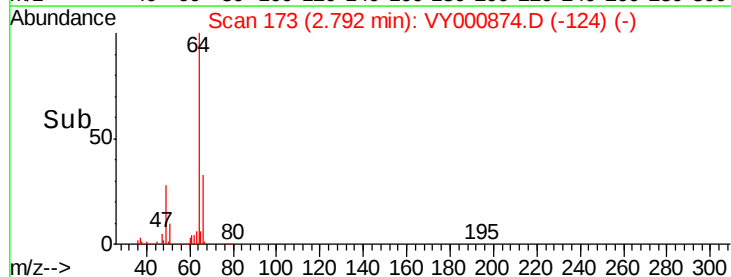
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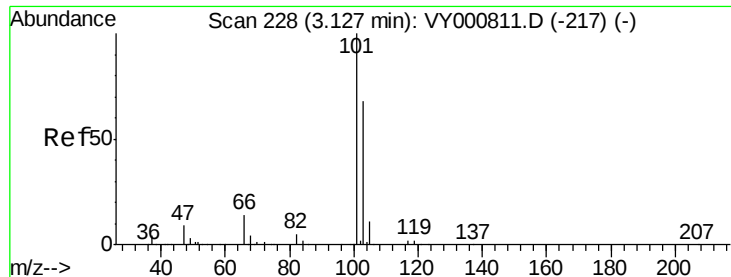
Time-->

2.70

2.80

2.90



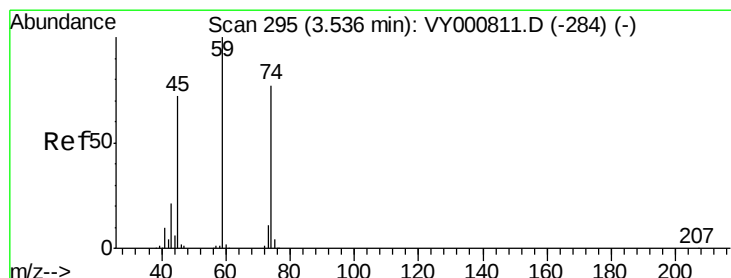
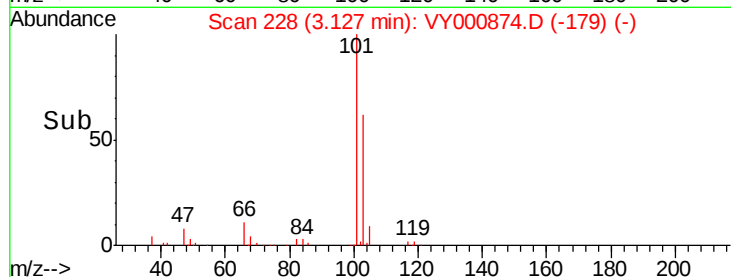
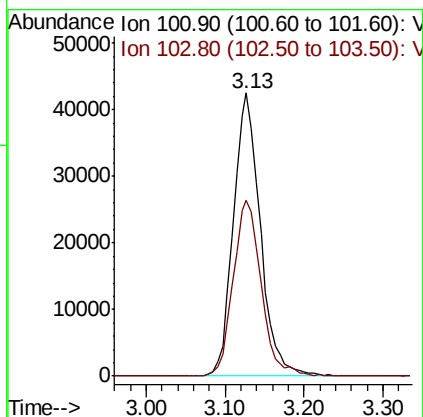
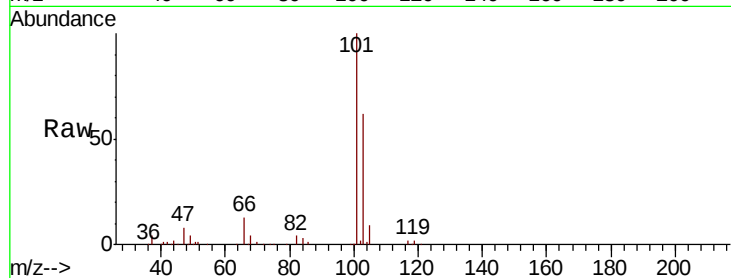


#7

Trichlorofluoromethane
 Concen: 19.731 ug/l
 RT: 3.13 min Scan# 228
 Delta R.T. -0.00 min
 Lab File: VY000874.D
 Acq: 05 Dec 2019 11:57

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1205SBS01

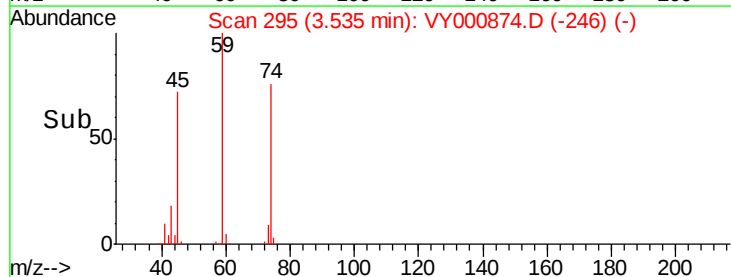
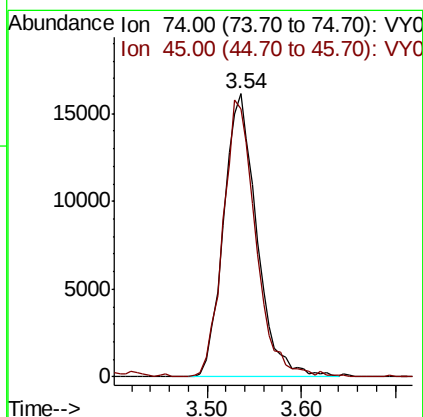
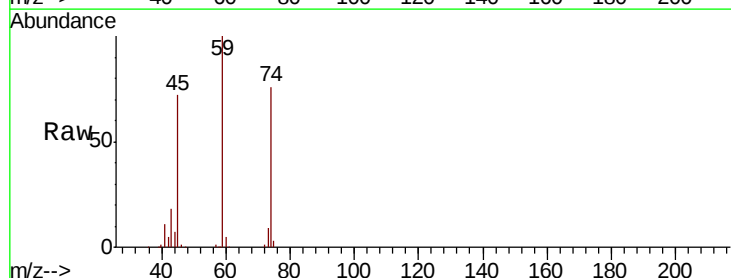
Tot Ion:101 Resp: 100885
 Ion Ratio Lower Upper
 101 100
 103 62.1 54.2 81.2

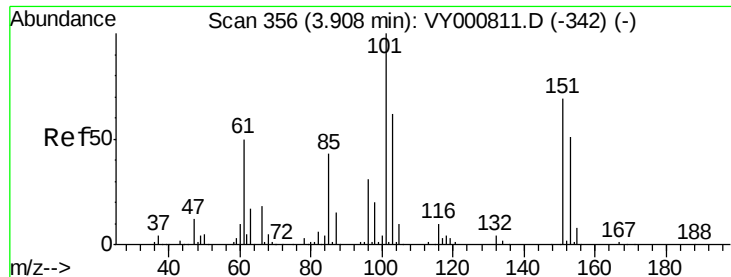


#8

Diethyl Ether
 Concen: 20.468 ug/l
 RT: 3.54 min Scan# 295
 Delta R.T. -0.00 min
 Lab File: VY000874.D
 Acq: 05 Dec 2019 11:57

Tgt Ion: 74 Resp: 39390
 Ion Ratio Lower Upper
 74 100
 45 96.6 49.0 147.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.488 ug/l

RT: 3.90 min Scan# 355

Delta R.T. -0.01 min

Lab File: VY000874.D

Acq: 05 Dec 2019 11:57

Instrument :

MSVOA_Y

ClientSampleId :

VY1205SBSD01

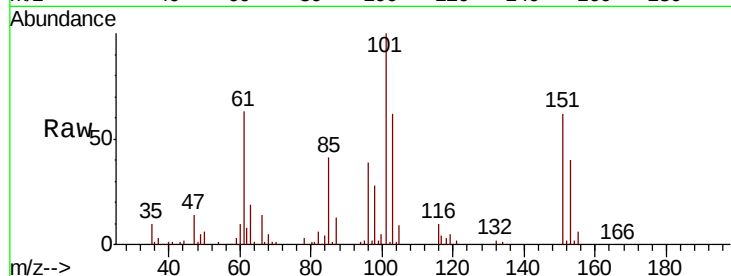
Tot Ion:101 Resp: 64691

Ion Ratio Lower Upper

101 100

85 42.8 36.0 54.0

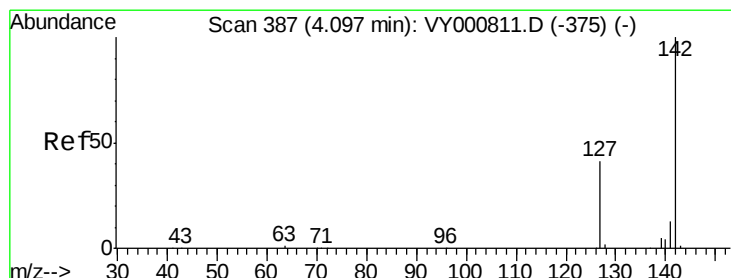
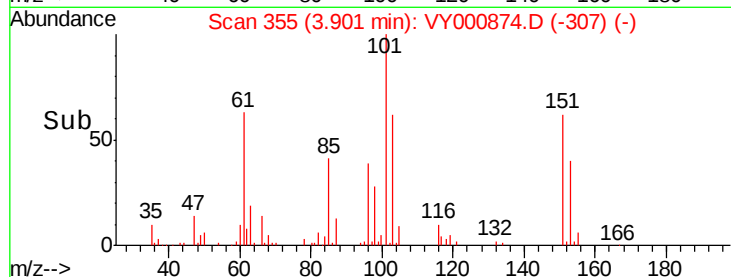
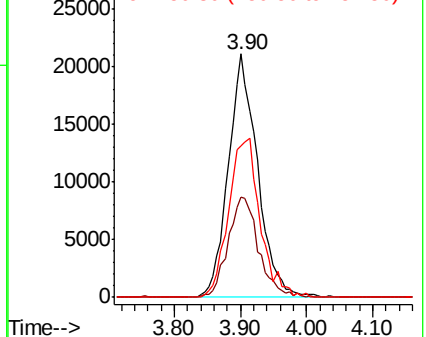
151 70.4 58.2 87.2



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: 19.607 ug/l

RT: 4.10 min Scan# 387

Delta R.T. -0.00 min

Lab File: VY000874.D

Acq: 05 Dec 2019 11:57

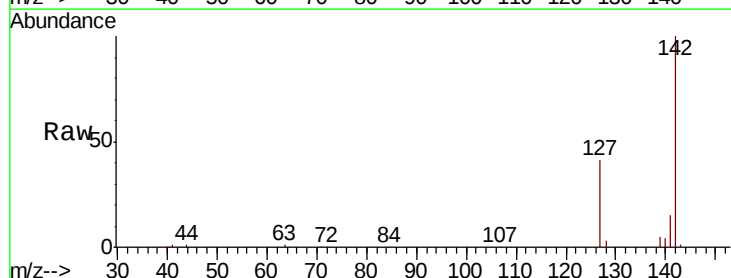
Tgt Ion:142 Resp: 77946

Ion Ratio Lower Upper

142 100

127 40.4 33.8 50.8

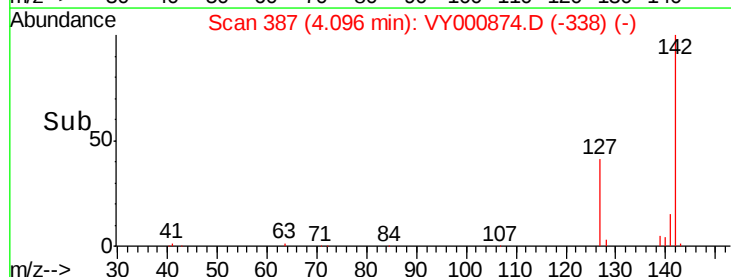
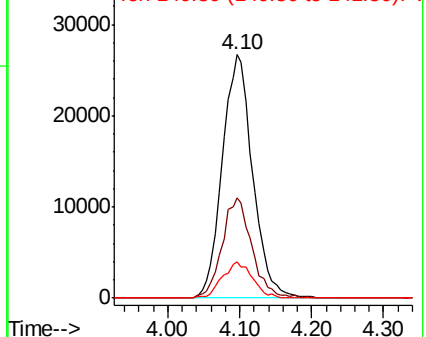
141 14.9 10.9 16.3

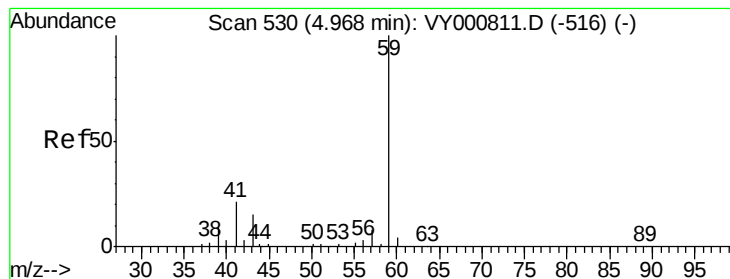


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



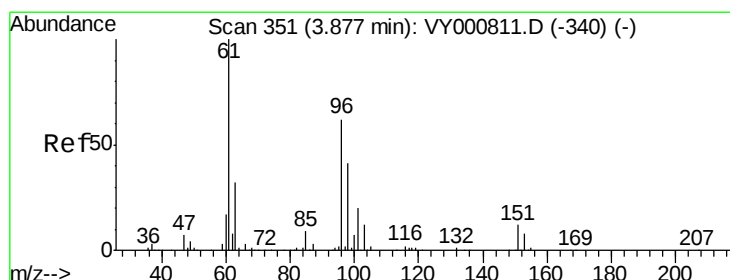
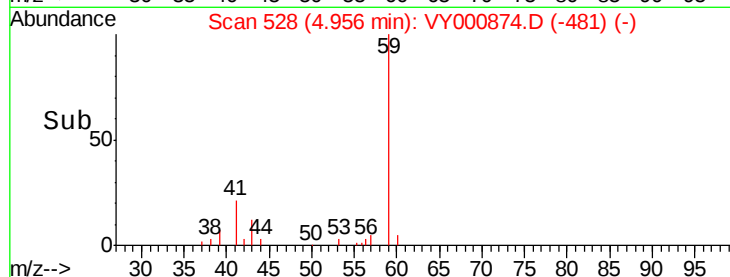
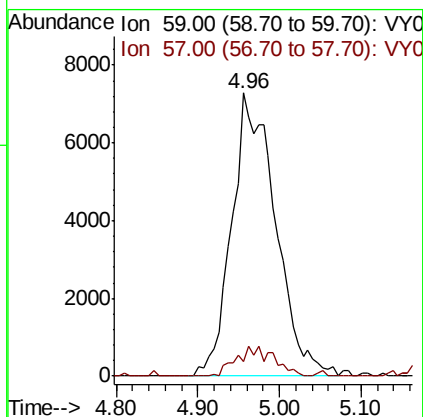
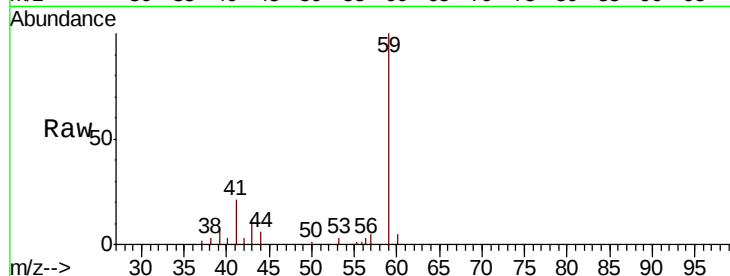


#11

Tert butyl alcohol
 Concen: 88.837 ug/l
 RT: 4.96 min Scan# 528
 Delta R.T. -0.01 min
 Lab File: VY000874.D
 Acq: 05 Dec 2019 11:57

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1205SBSD01

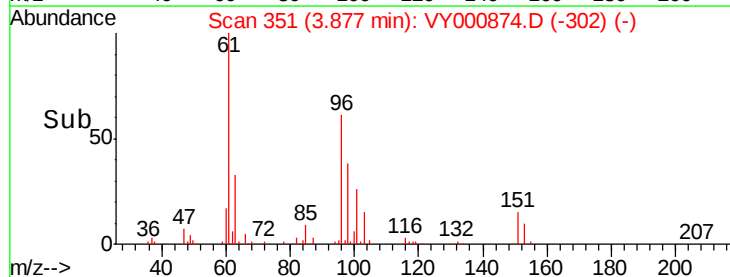
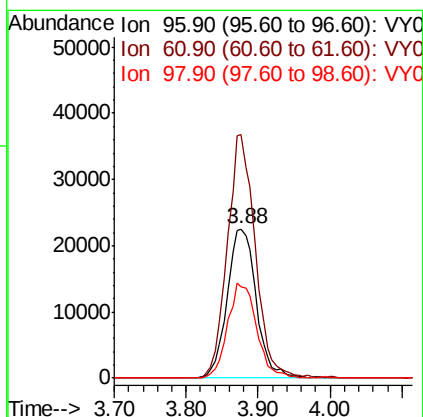
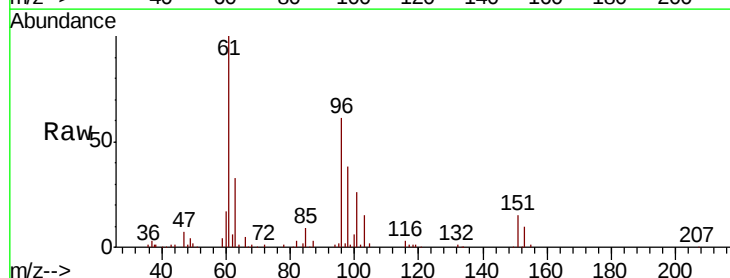
Tot Ion: 59 Resp: 27094
 Ion Ratio Lower Upper
 59 100
 57 8.8 7.8 11.6

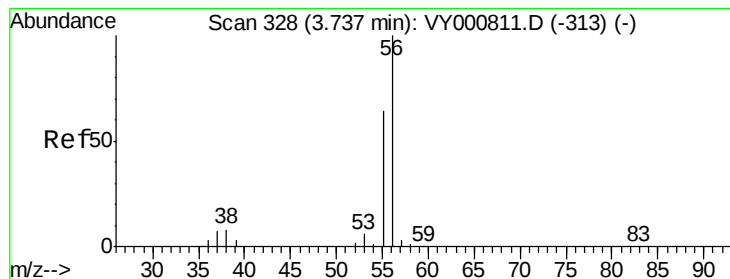


#12

1,1-Dichloroethene
 Concen: 20.305 ug/l
 RT: 3.88 min Scan# 351
 Delta R.T. -0.00 min
 Lab File: VY000874.D
 Acq: 05 Dec 2019 11:57

Tgt Ion: 96 Resp: 63516
 Ion Ratio Lower Upper
 96 100
 61 163.0 129.4 194.2
 98 61.4 53.4 80.0





#13

Acrolein

Concen: 102.376 ug/l

RT: 3.73 min Scan# 327

Delta R.T. -0.01 min

Lab File: VY000874.D

Acq: 05 Dec 2019 11:57

Instrument :

MSVOA_Y

ClientSampleId :

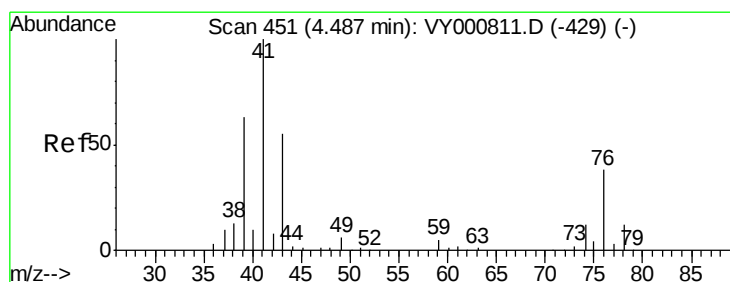
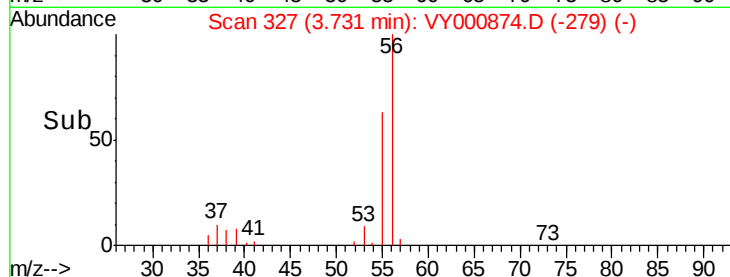
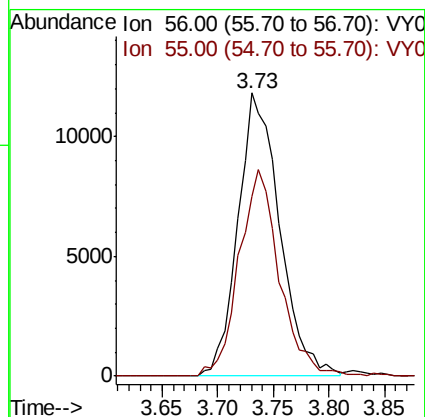
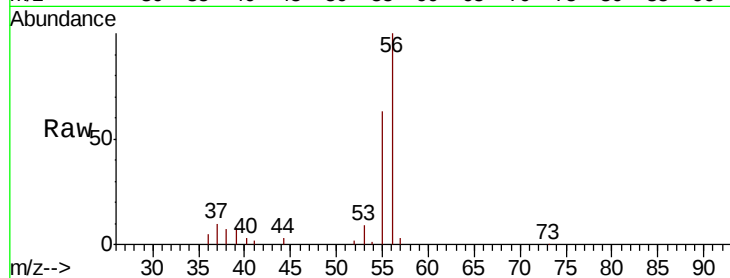
VY1205SBS01

Tot Ion: 56 Resp: 30757

Ion Ratio Lower Upper

56 100

55 70.5 55.7 83.5



#14

Allyl chloride

Concen: 20.338 ug/l

RT: 4.49 min Scan# 451

Delta R.T. -0.00 min

Lab File: VY000874.D

Acq: 05 Dec 2019 11:57

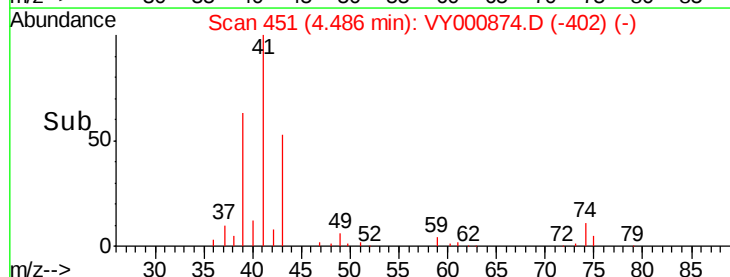
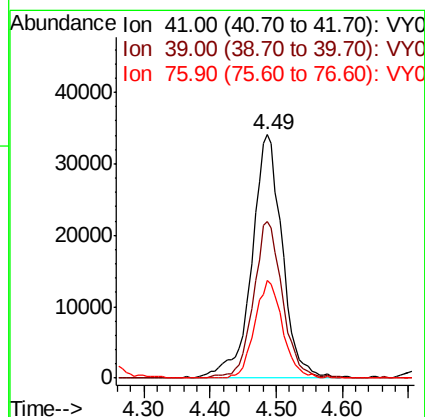
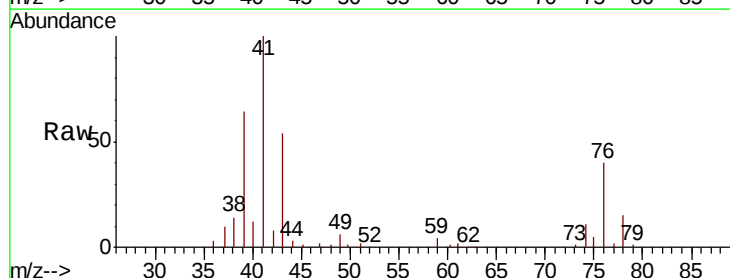
Tgt Ion: 41 Resp: 109083

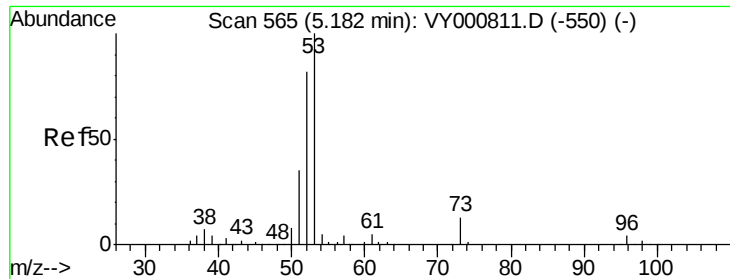
Ion Ratio Lower Upper

41 100

39 61.7 49.2 73.8

76 36.8 29.2 43.8





#15

Acrylonitrile

Concen: 98.898 ug/l

RT: 5.18 min Scan# 564

Delta R.T. -0.01 min

Lab File: VY000874.D

Acq: 05 Dec 2019 11:57

Instrument :

MSVOA_Y

ClientSampleId :

VY1205SBS01

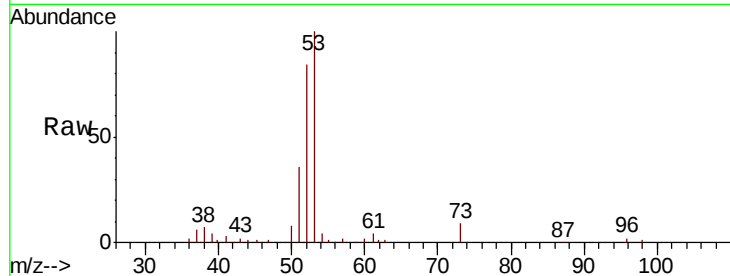
Tot Ion: 53 Resp: 98277

Ion Ratio Lower Upper

53 100

52 81.6 65.1 97.7

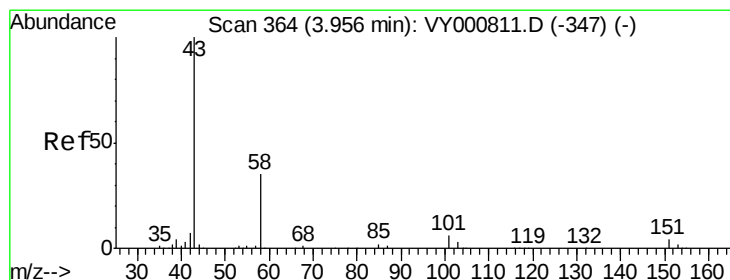
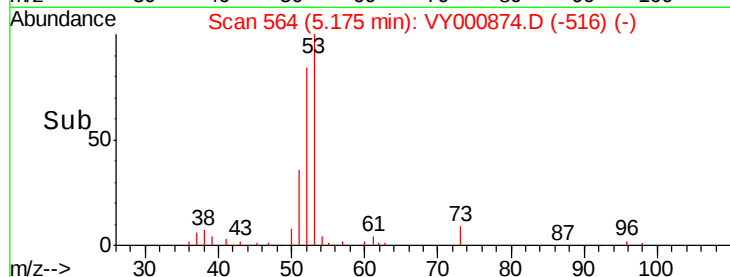
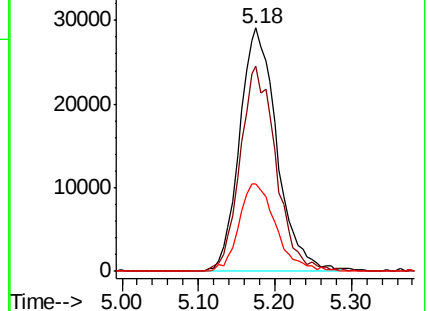
51 35.8 29.0 43.4



Abundance Ion 53.00 (52.70 to 53.70): VY000811.D (-550) (-)

Ion 52.00 (51.70 to 52.70): VY000811.D (-550) (-)

Ion 51.00 (50.70 to 51.70): VY000811.D (-550) (-)



#16

Acetone

Concen: 100.384 ug/l

RT: 3.96 min Scan# 364

Delta R.T. -0.00 min

Lab File: VY000874.D

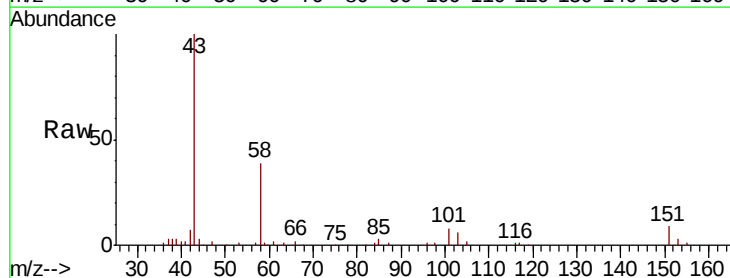
Acq: 05 Dec 2019 11:57

Tgt Ion: 43 Resp: 69808

Ion Ratio Lower Upper

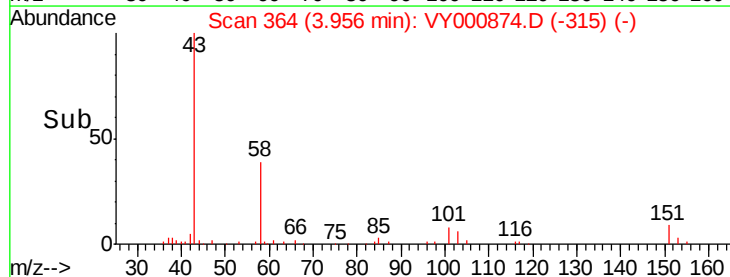
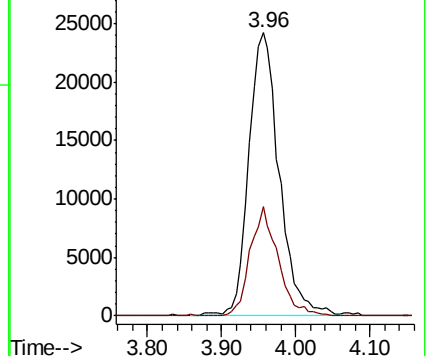
43 100

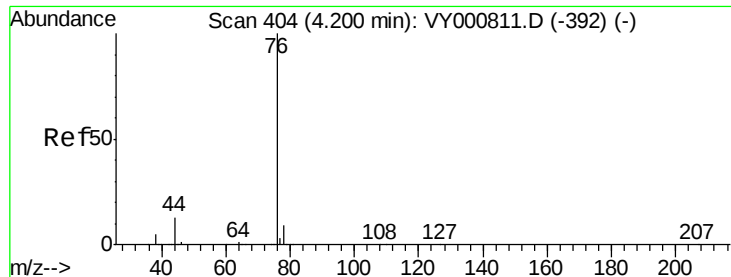
58 38.5 28.0 42.0



Abundance Ion 43.00 (42.70 to 43.70): VY000811.D (-347) (-)

Ion 58.00 (57.70 to 58.70): VY000811.D (-347) (-)

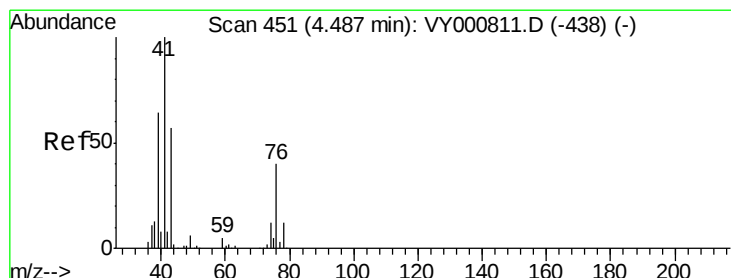
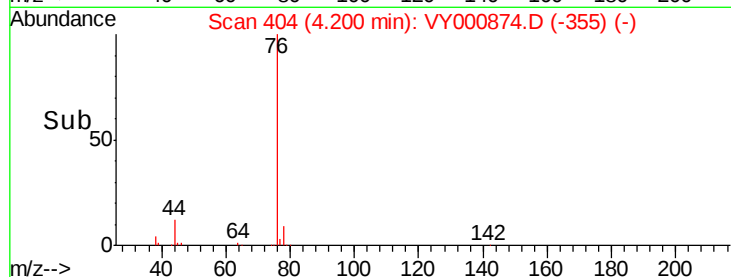
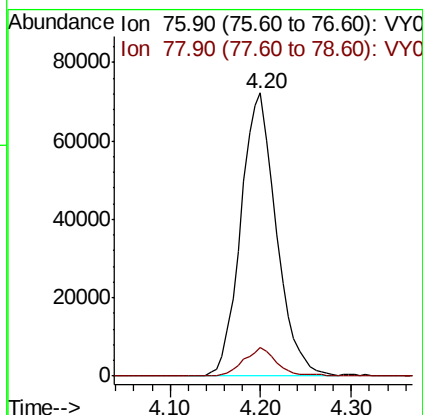
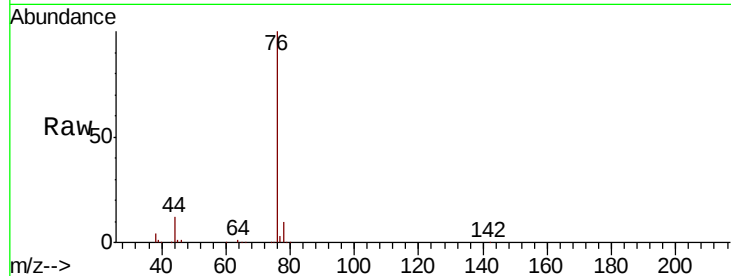




#17
Carbon Disulfide
Concen: 19.355 ug/l
RT: 4.20 min Scan# 404
Delta R.T. -0.00 min
Lab File: VY000874.D
Acq: 05 Dec 2019 11:57

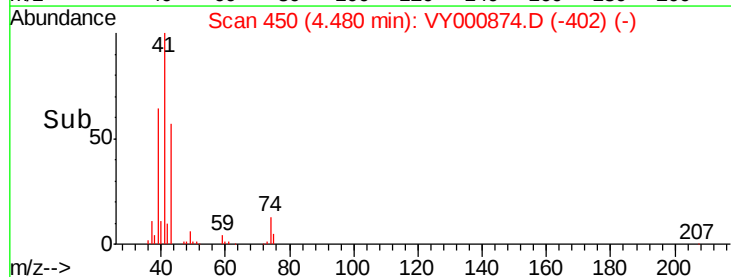
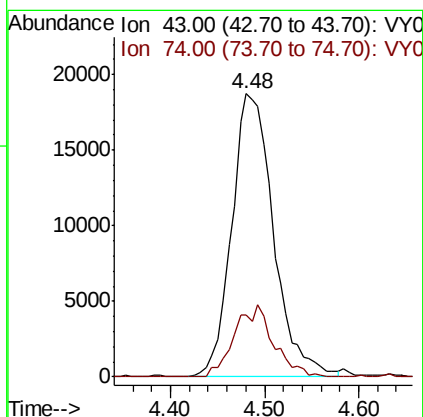
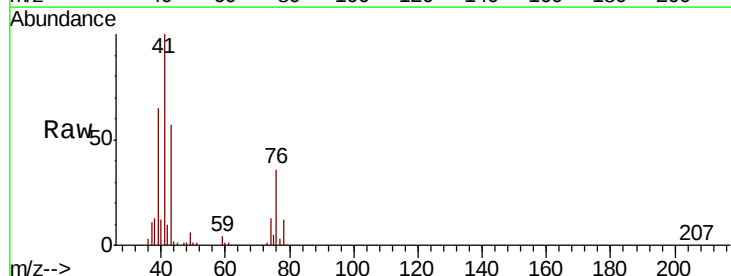
Instrument :
MSVOA_Y
ClientSampleId :
VY1205SBS01

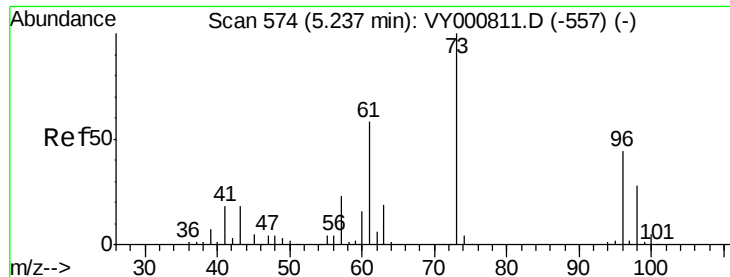
Tot Ion: 76 Resp: 195815
Ion Ratio Lower Upper
76 100
78 10.1 7.3 10.9



#18
Methyl Acetate
Concen: 19.842 ug/l
RT: 4.48 min Scan# 450
Delta R.T. -0.01 min
Lab File: VY000874.D
Acq: 05 Dec 2019 11:57

Tgt Ion: 43 Resp: 57694
Ion Ratio Lower Upper
43 100
74 23.8 18.5 27.7

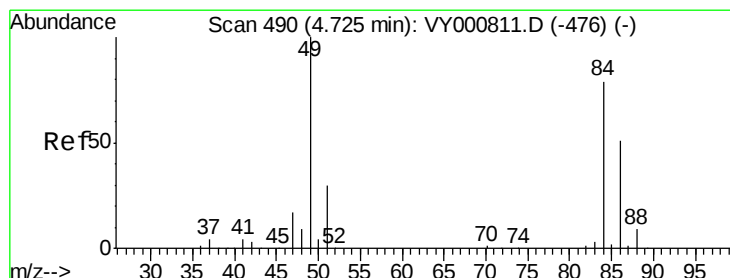
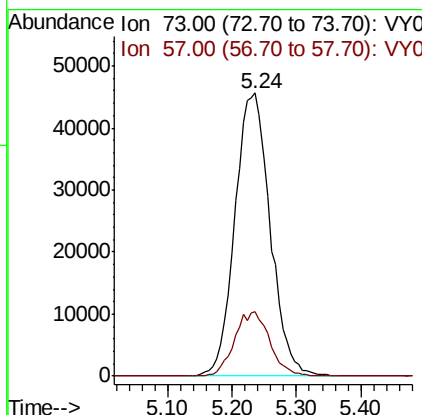
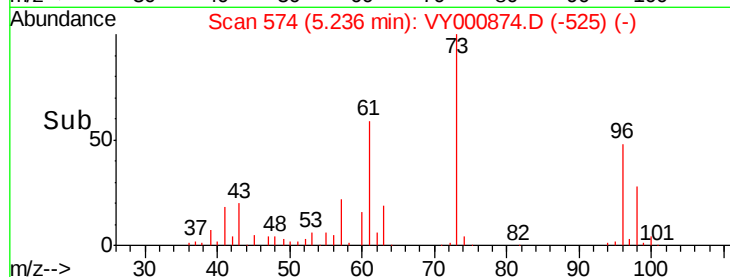
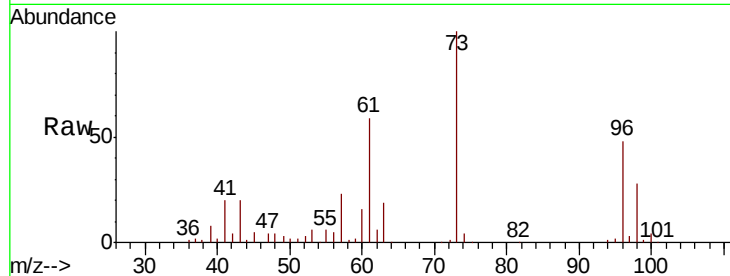




#19
Methyl tert-butyl Ether
Concen: 20.680 ug/l
RT: 5.24 min Scan# 574
Delta R.T. -0.00 min
Lab File: VY000874.D
Acq: 05 Dec 2019 11:57

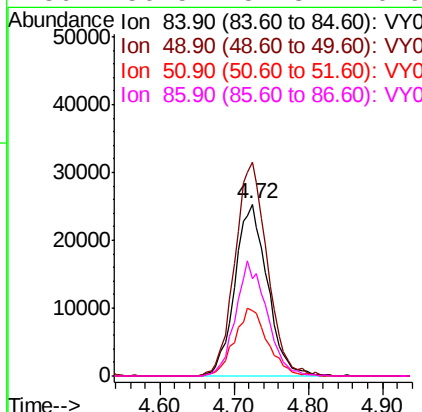
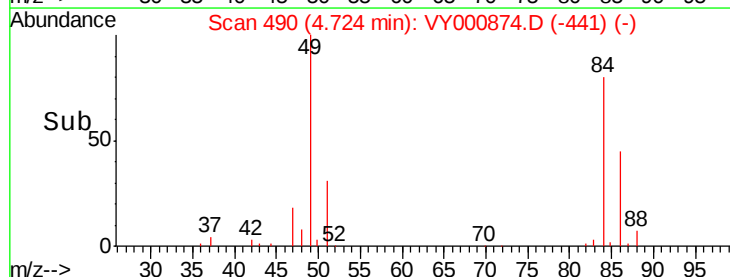
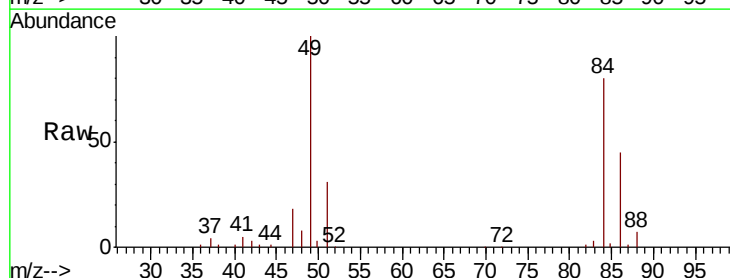
Instrument :
MSVOA_Y
ClientSampleId :
VY1205SBS01

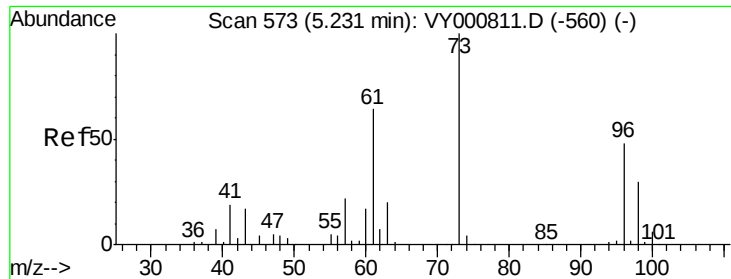
Tot Ion: 73 Resp: 172759
Ion Ratio Lower Upper
73 100
57 22.6 18.2 27.4



#20
Methylene Chloride
Concen: 21.125 ug/l
RT: 4.72 min Scan# 490
Delta R.T. -0.00 min
Lab File: VY000874.D
Acq: 05 Dec 2019 11:57

Tgt Ion: 84 Resp: 77436
Ion Ratio Lower Upper
84 100
49 124.3 101.3 151.9
51 38.3 30.6 45.8
86 56.5 51.3 76.9





#21

trans-1,2-Dichloroethene

Concen: 20.169 ug/l

RT: 5.23 min Scan# 573

Delta R.T. -0.00 min

Lab File: VY000874.D

Acq: 05 Dec 2019 11:57

Instrument :

MSVOA_Y

ClientSampleId :

VY1205SBS01

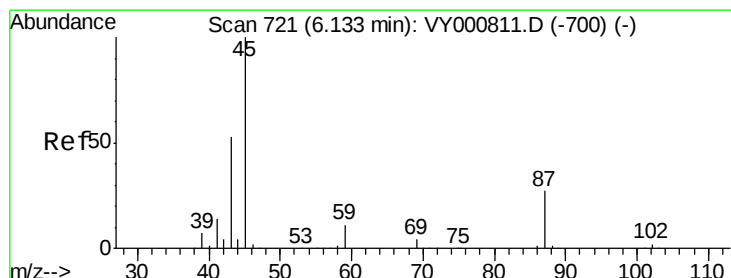
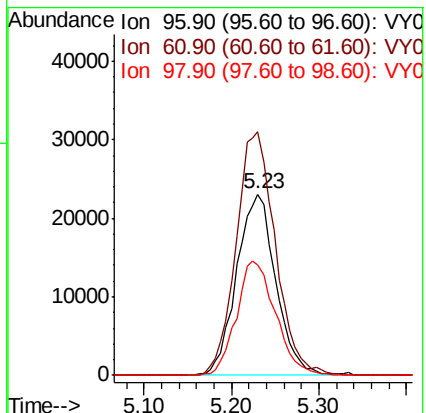
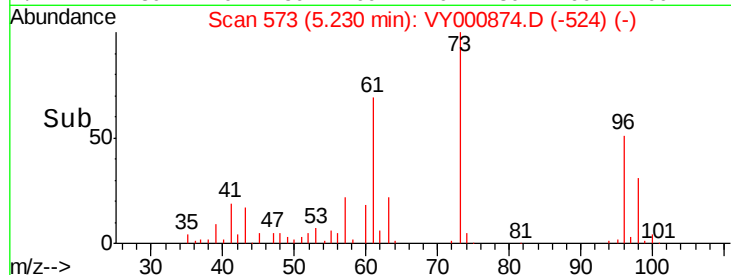
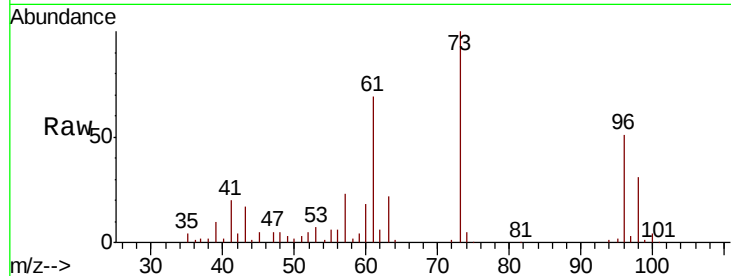
Tot Ion: 96 Resp: 71709

Ion Ratio Lower Upper

96 100

61 134.4 105.9 158.9

98 60.9 49.4 74.2



#22

Diisopropyl ether

Concen: 20.860 ug/l

RT: 6.13 min Scan# 720

Delta R.T. -0.01 min

Lab File: VY000874.D

Acq: 05 Dec 2019 11:57

Tgt Ion: 45 Resp: 229958

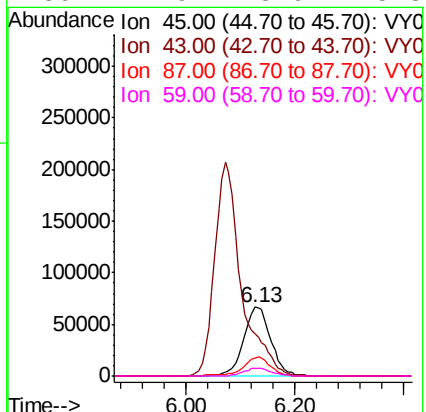
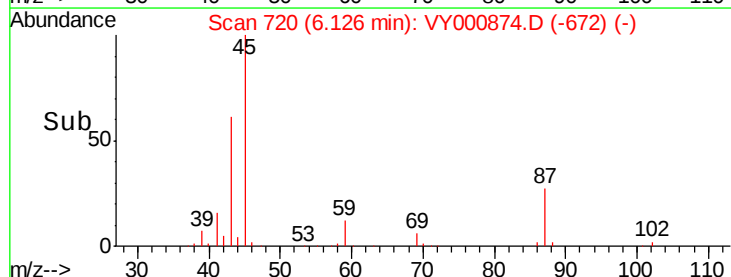
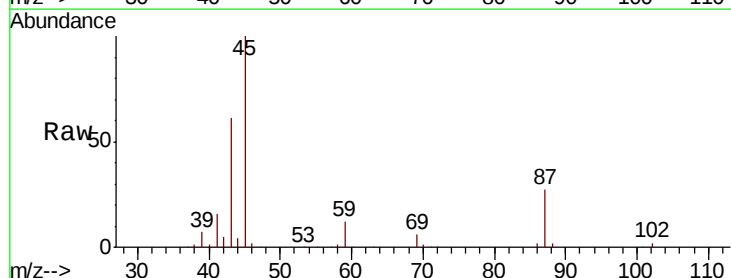
Ion Ratio Lower Upper

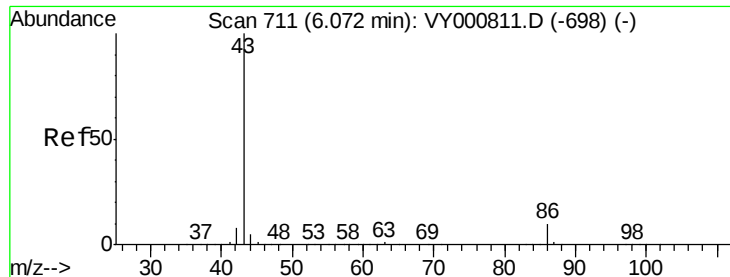
45 100

43 61.1 42.7 64.1

87 26.7 22.0 33.0

59 11.9 8.9 13.3





#23

Vinyl Acetate

Concen: 104.881 ug/l

RT: 6.07 min Scan# 711

Delta R.T. -0.00 min

Lab File: VY000874.D

Acq: 05 Dec 2019 11:57

Instrument :

MSVOA_Y

ClientSampleId :

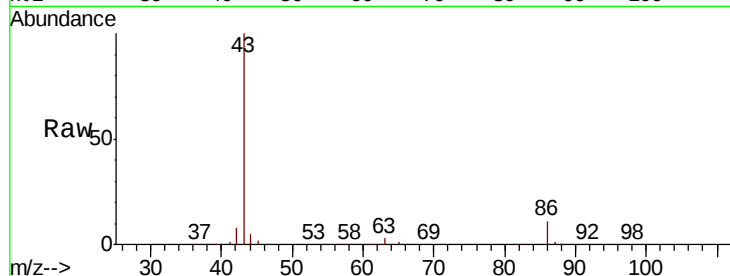
VY1205SBS01

Tot Ion: 43 Resp: 702883

Ion Ratio Lower Upper

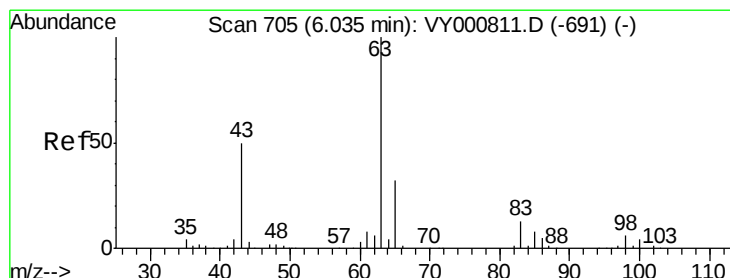
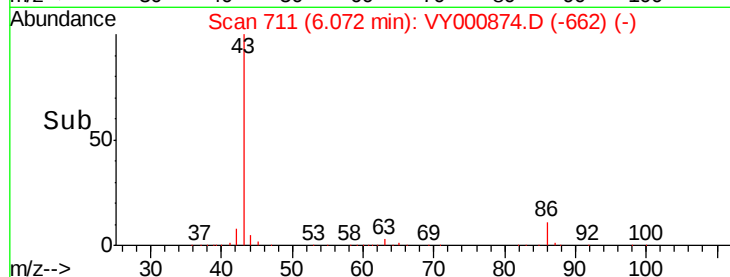
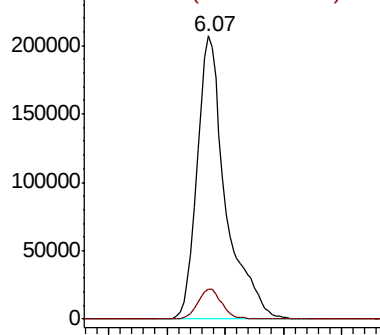
43 100

86 10.7 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: 20.539 ug/l

RT: 6.03 min Scan# 704

Delta R.T. -0.01 min

Lab File: VY000874.D

Acq: 05 Dec 2019 11:57

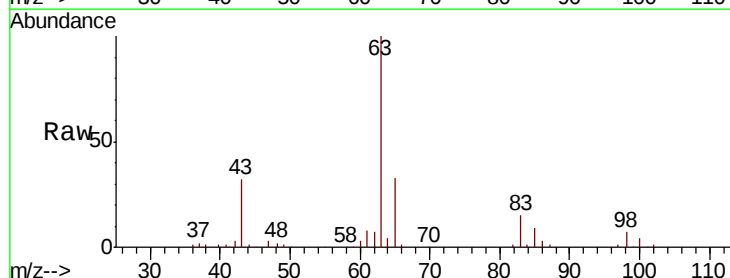
Tgt Ion: 63 Resp: 124793

Ion Ratio Lower Upper

63 100

98 6.9 3.3 9.8

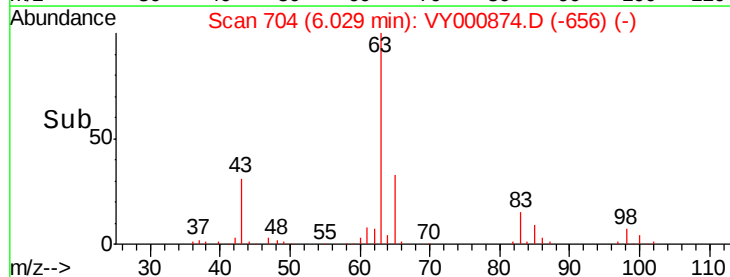
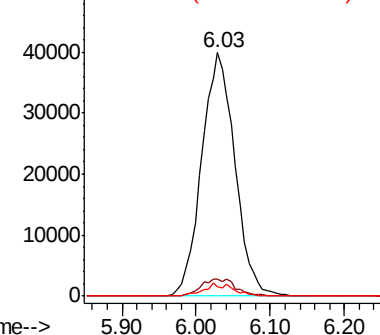
100 4.0 2.2 6.6

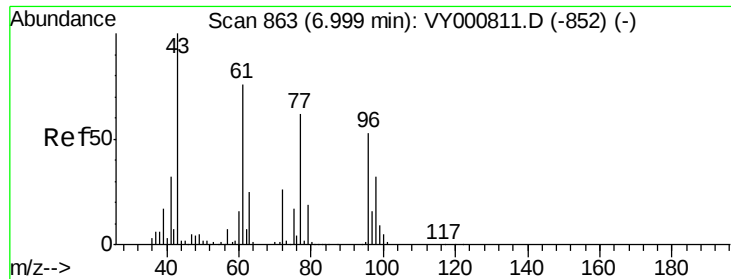


Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0





#25

2-Butanone

Concen: 95.968 ug/l

RT: 7.00 min Scan# 864

Delta R.T. 0.01 min

Lab File: VY000874.D

Acq: 05 Dec 2019 11:57

Instrument :

MSVOA_Y

ClientSampleId :

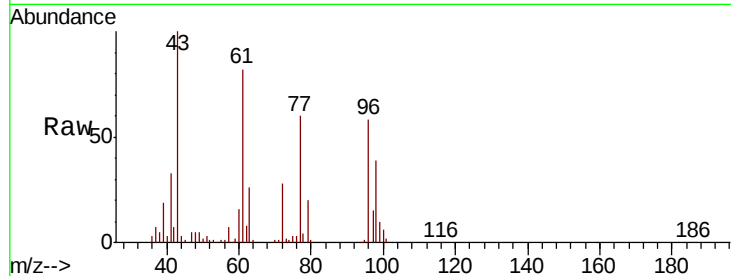
VY1205SBS01

Tot Ion: 43 Resp: 123281

Ion Ratio Lower Upper

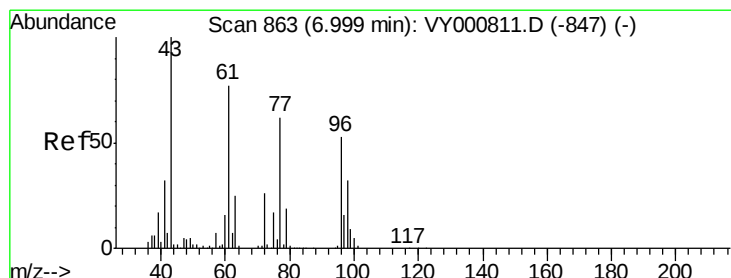
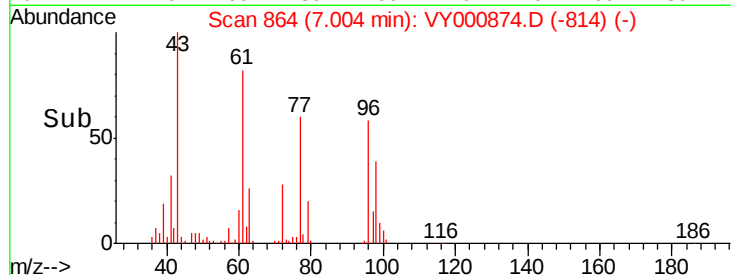
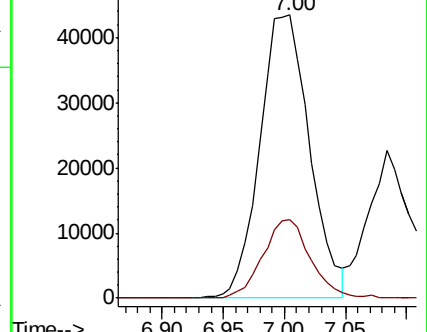
43 100

72 27.7 21.0 31.4



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 72.00 (71.70 to 72.70): VY0



#26

2,2-Dichloropropane

Concen: 20.053 ug/l

RT: 6.99 min Scan# 862

Delta R.T. -0.01 min

Lab File: VY000874.D

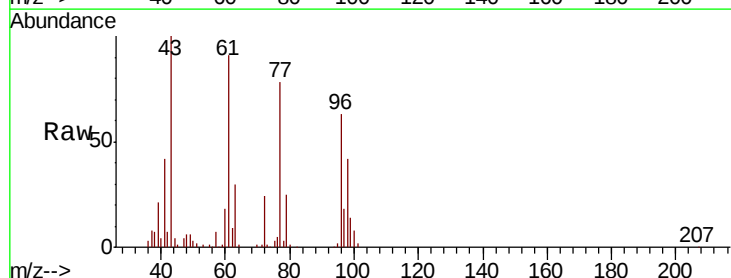
Acq: 05 Dec 2019 11:57

Tgt Ion: 77 Resp: 102546

Ion Ratio Lower Upper

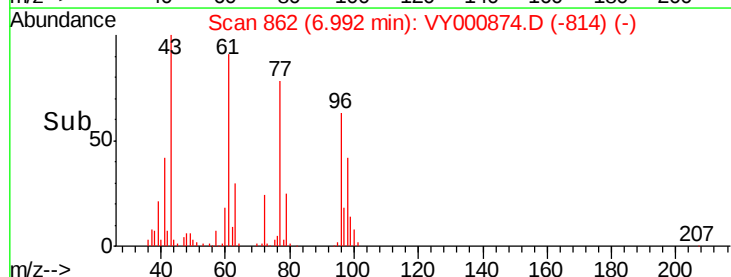
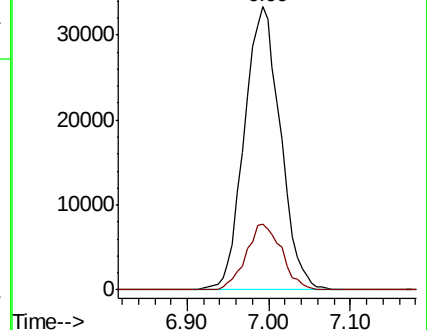
77 100

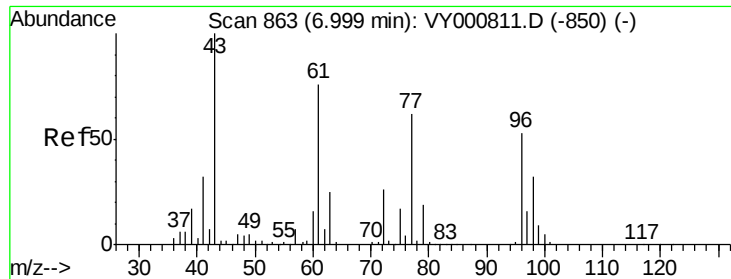
97 22.9 11.9 35.9



Abundance Ion 76.90 (76.60 to 77.60): VY0

Ion 96.90 (96.60 to 97.60): VY0



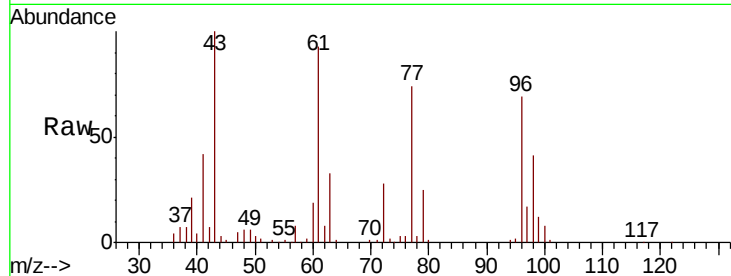


#27

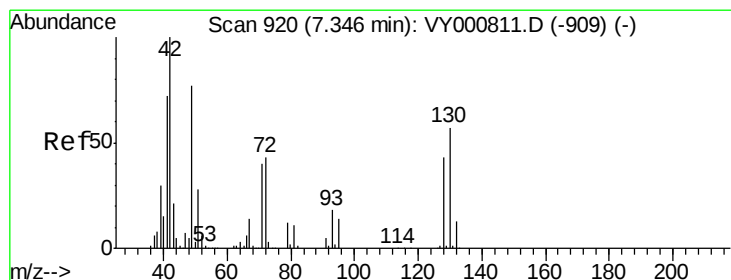
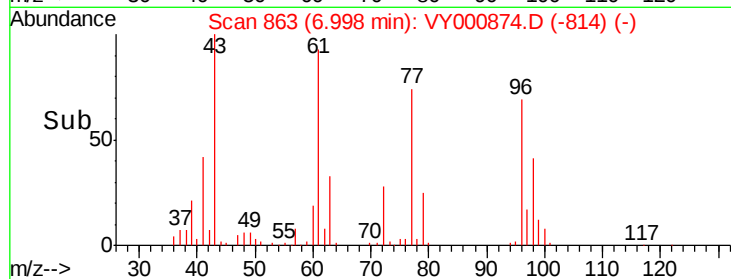
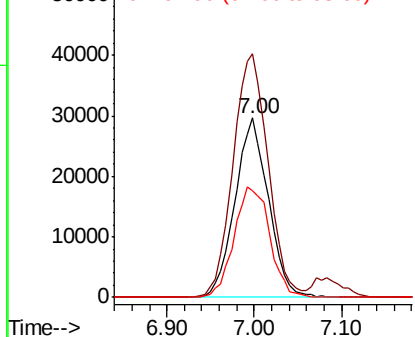
cis-1,2-Dichloroethene
 Concen: 20.462 ug/l
 RT: 7.00 min Scan# 863
 Delta R.T. -0.00 min
 Lab File: VY000874.D
 Acq: 05 Dec 2019 11:57

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1205SBS01

Tot Ion: 96 Resp: 78640
 Ion Ratio Lower Upper
 96 100
 61 142.1 0.0 285.0
 98 65.5 0.0 128.0



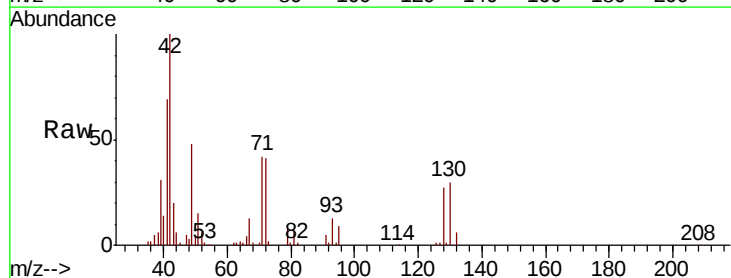
Abundance Ion 95.90 (95.60 to 96.60): VY0
 Ion 60.90 (60.60 to 61.60): VY0
 Ion 97.90 (97.60 to 98.60): VY0



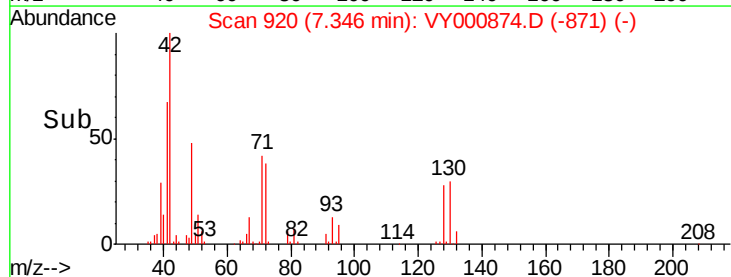
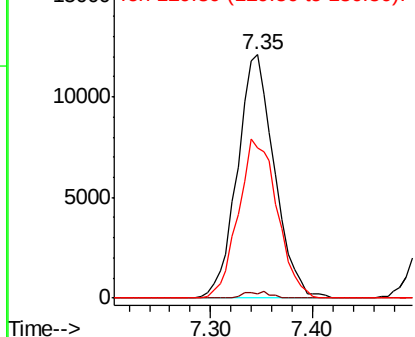
#28

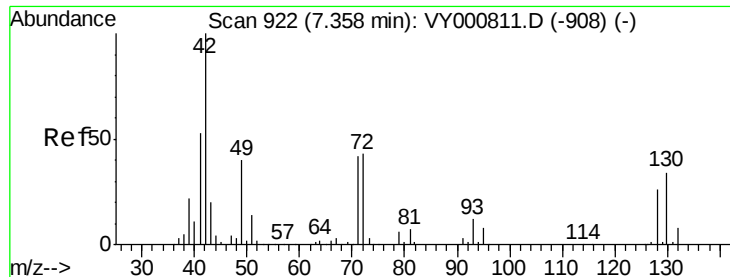
Bromochloromethane
 Concen: 15.103 ug/l
 RT: 7.35 min Scan# 920
 Delta R.T. -0.00 min
 Lab File: VY000874.D
 Acq: 05 Dec 2019 11:57

Tgt Ion: 49 Resp: 30380
 Ion Ratio Lower Upper
 49 100
 129 1.9 0.0 3.8
 130 68.7 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: 103.749 ug/l

RT: 7.35 min Scan# 921

Delta R.T. -0.01 min

Lab File: VY000874.D

Acq: 05 Dec 2019 11:57

Instrument :

MSVOA_Y

ClientSampleId :

VY1205SBS01

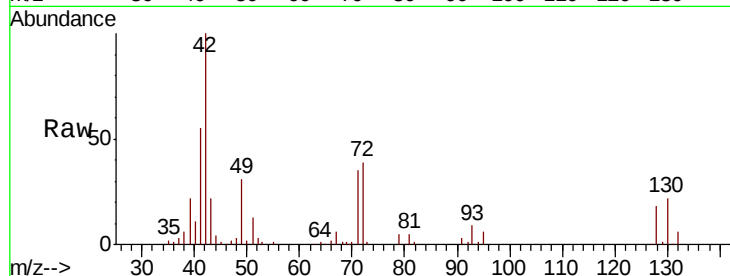
Tot Ion: 42 Resp: 88316

Ion Ratio Lower Upper

42 100

72 41.7 35.1 52.7

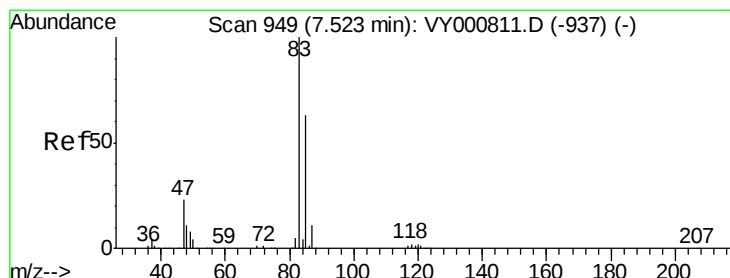
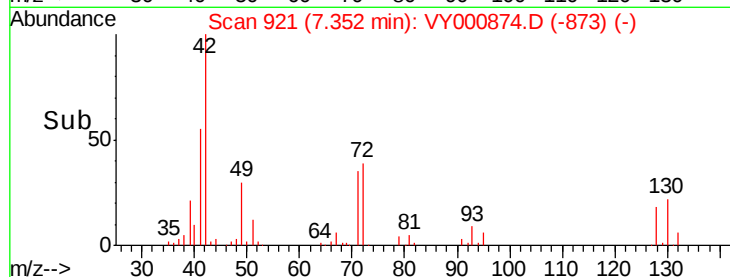
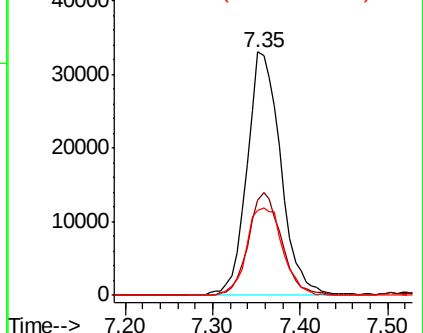
71 38.8 32.8 49.2



Abundance Ion 42.00 (41.70 to 42.70): VY0

Ion 72.00 (71.70 to 72.70): VY0

Ion 71.00 (70.70 to 71.70): VY0



#30

Chloroform

Concen: 19.718 ug/l

RT: 7.52 min Scan# 948

Delta R.T. -0.01 min

Lab File: VY000874.D

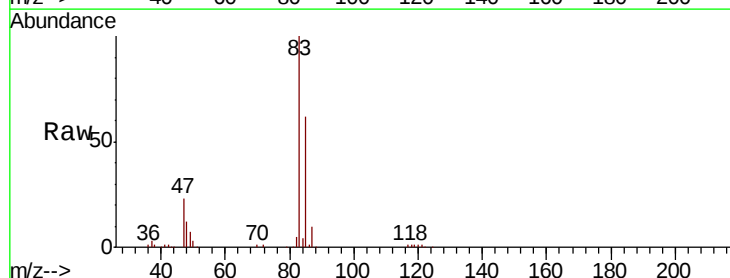
Acq: 05 Dec 2019 11:57

Tgt Ion: 83 Resp: 120186

Ion Ratio Lower Upper

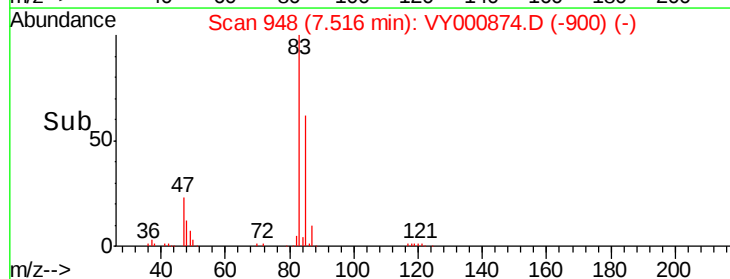
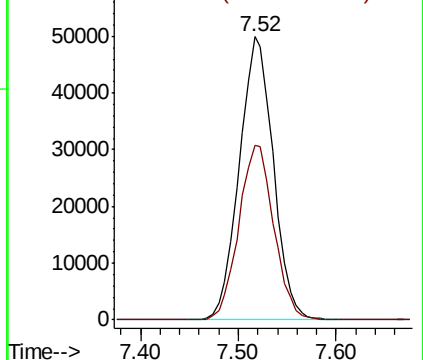
83 100

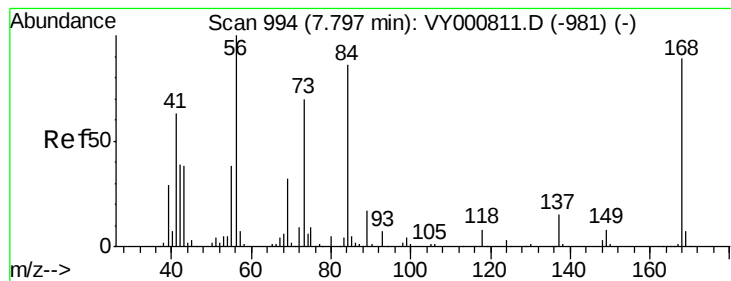
85 61.7 50.4 75.6



Abundance Ion 82.90 (82.60 to 83.60): VY0

Ion 84.90 (84.60 to 85.60): VY0





#31

Cyclohexane

Concen: 20.198 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.00 min

Lab File: VY000874.D

Acq: 05 Dec 2019 11:57

Instrument :

MSVOA_Y

ClientSampleId :

VY1205SBS01

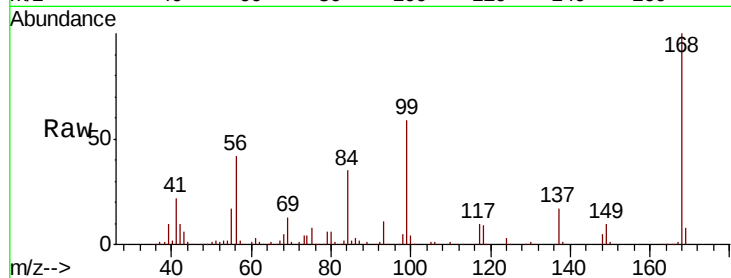
Tot Ion: 56 Resp: 130001

Ion Ratio Lower Upper

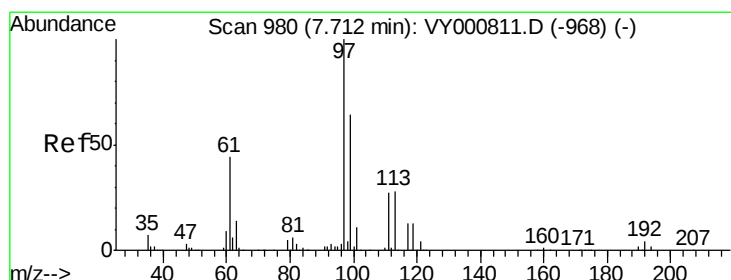
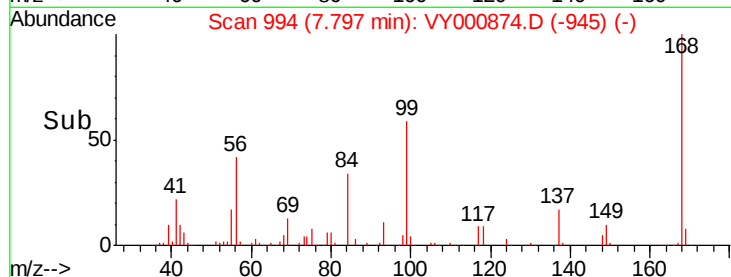
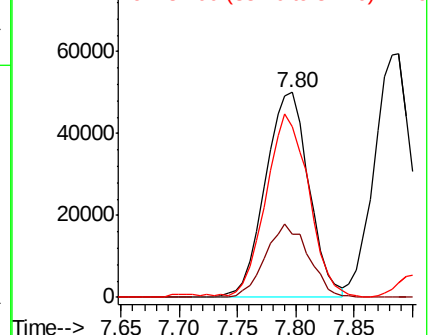
56 100

69 30.5 25.9 38.9

84 81.9 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: 19.960 ug/l

RT: 7.71 min Scan# 980

Delta R.T. -0.00 min

Lab File: VY000874.D

Acq: 05 Dec 2019 11:57

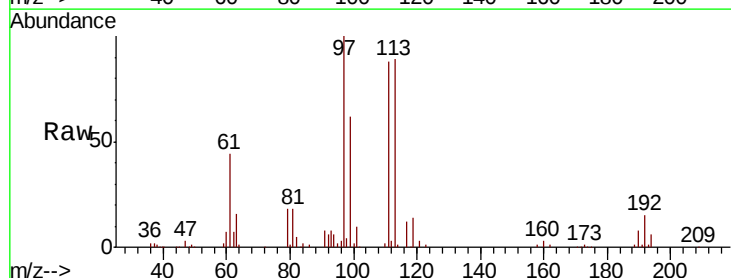
Tgt Ion: 97 Resp: 100461

Ion Ratio Lower Upper

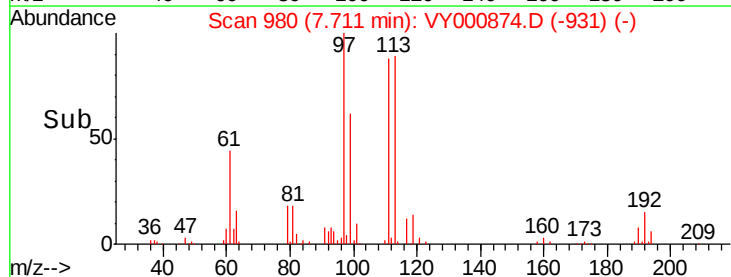
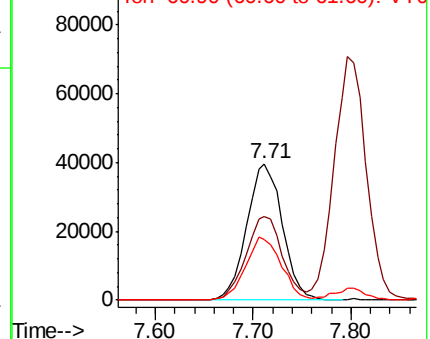
97 100

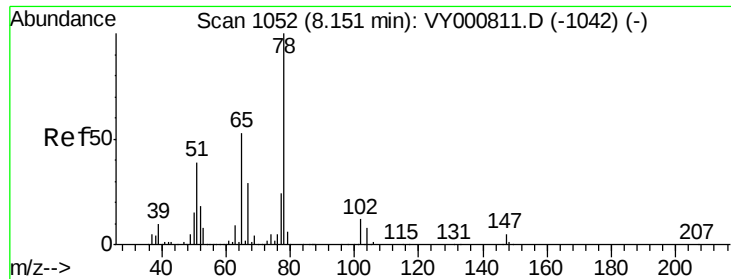
99 62.6 51.7 77.5

61 46.7 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

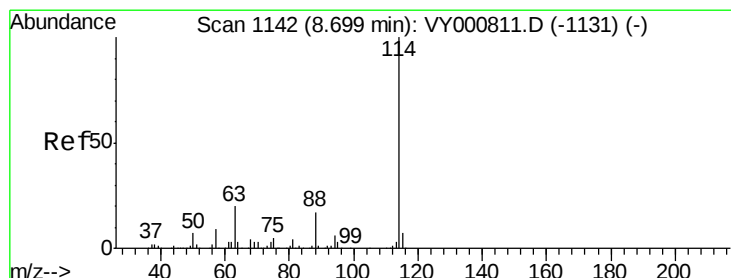
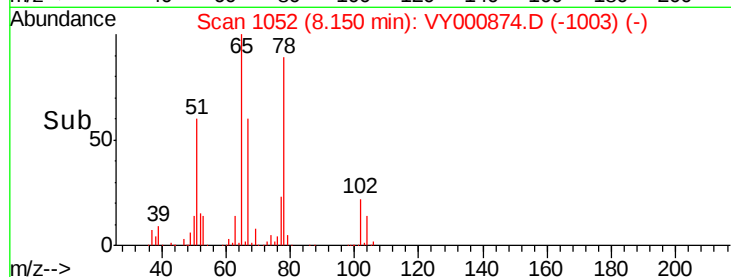
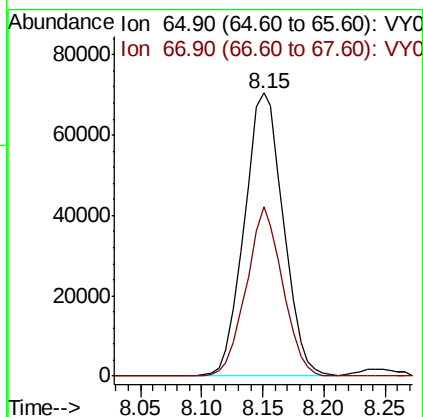
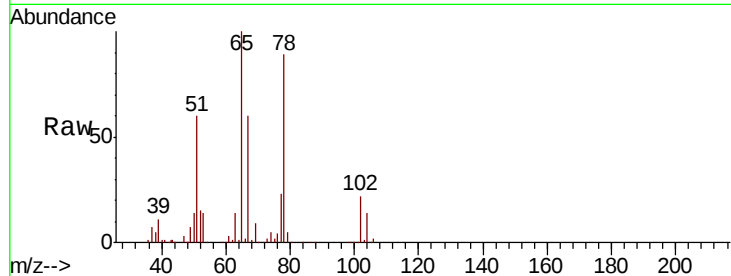




#33
 1,2-Dichloroethane-d4
 Concen: 51.534 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. -0.00 min
 Lab File: VY000874.D
 Acq: 05 Dec 2019 11:57

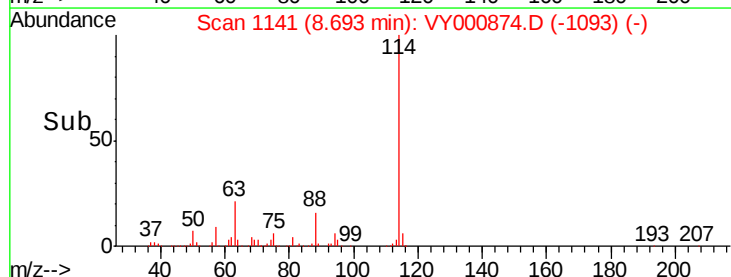
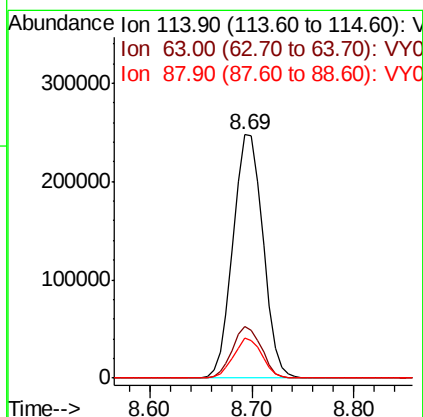
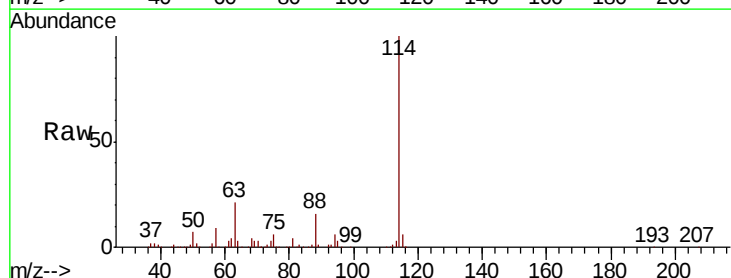
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1205SBS01

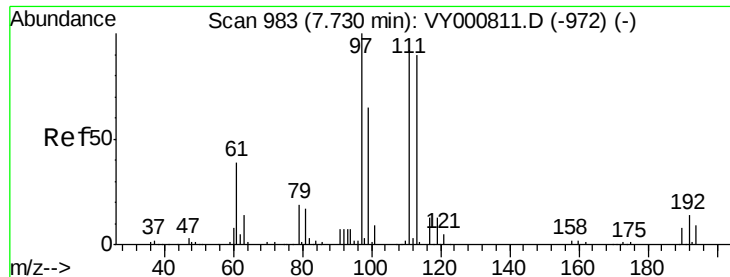
Tot Ion: 65 Resp: 156222
 Ion Ratio Lower Upper
 65 100
 67 55.9 0.0 112.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.01 min
 Lab File: VY000874.D
 Acq: 05 Dec 2019 11:57

Tgt Ion: 114 Resp: 504256
 Ion Ratio Lower Upper
 114 100
 63 20.9 0.0 39.8
 88 16.2 0.0 33.2

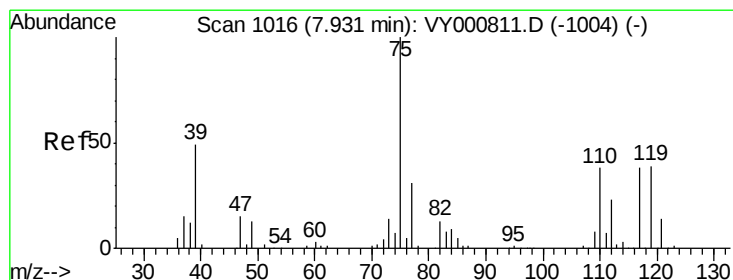
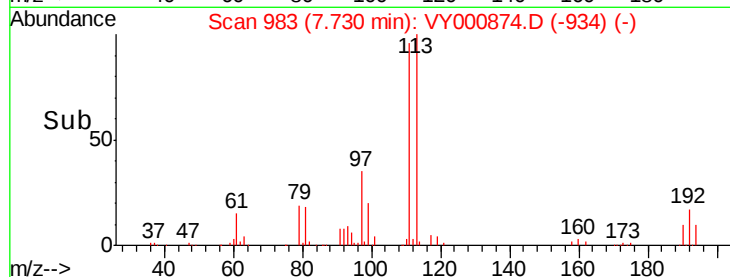
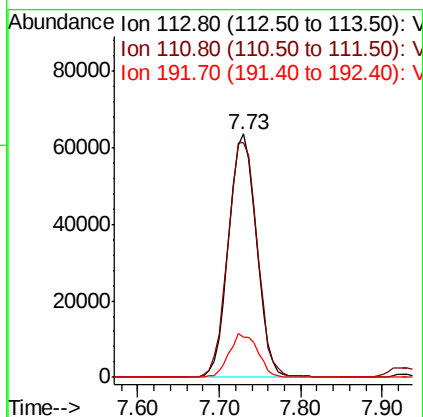
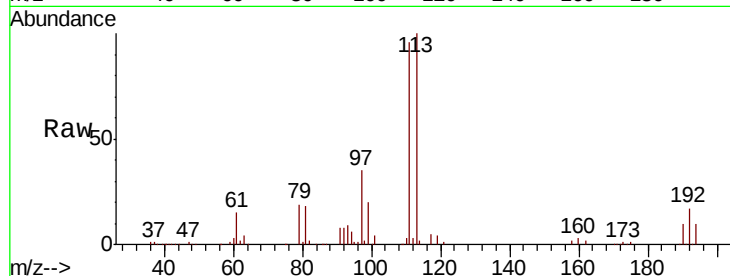




#35
 Dibromofluoromethane
 Concen: 51.079 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. -0.00 min
 Lab File: VY000874.D
 Acq: 05 Dec 2019 11:57

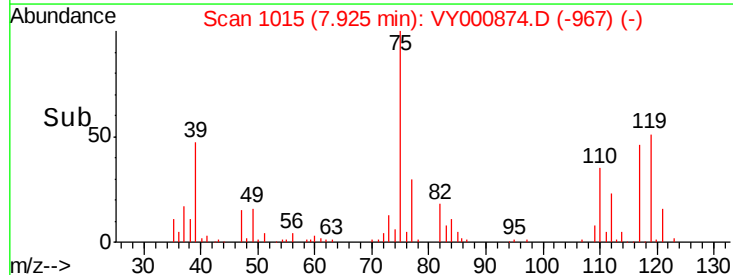
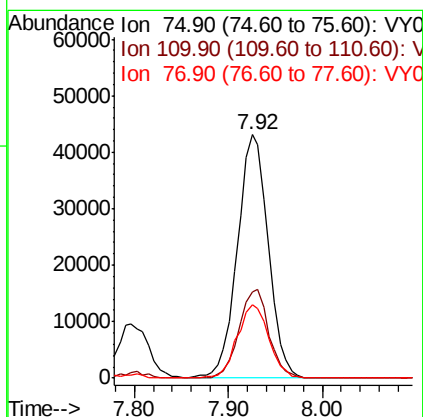
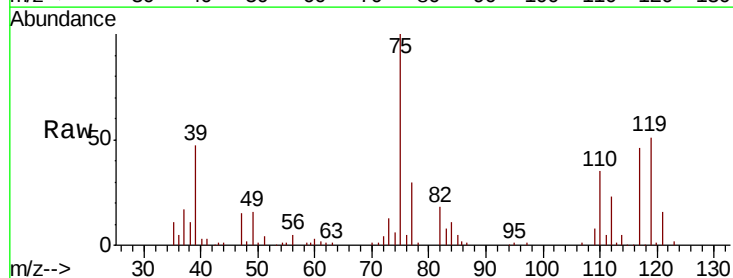
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1205SBS01

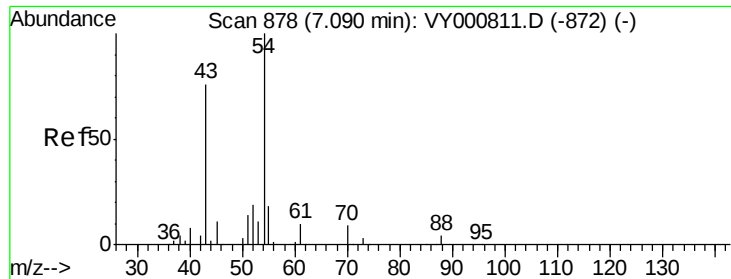
Tot Ion:113 Resp: 150110
 Ion Ratio Lower Upper
 113 100
 111 101.5 82.4 123.6
 192 18.3 14.2 21.2



#36
 1,1-Dichloropropene
 Concen: 19.715 ug/l
 RT: 7.92 min Scan# 1015
 Delta R.T. -0.01 min
 Lab File: VY000874.D
 Acq: 05 Dec 2019 11:57

Tgt Ion: 75 Resp: 98846
 Ion Ratio Lower Upper
 75 100
 110 34.9 17.9 53.7
 77 30.8 24.7 37.1

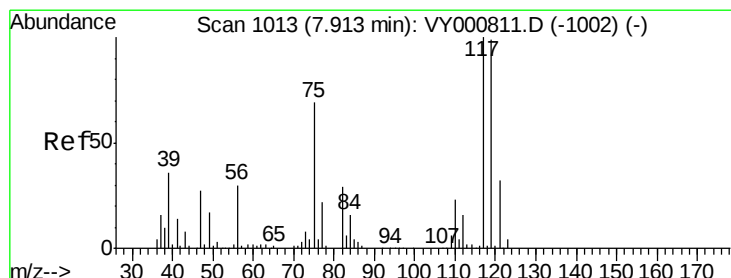
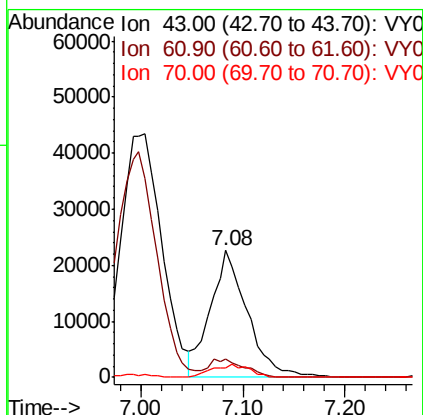
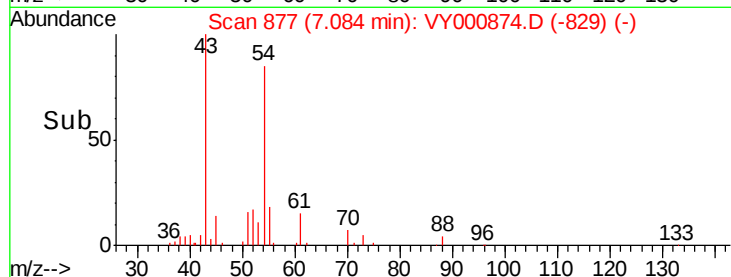
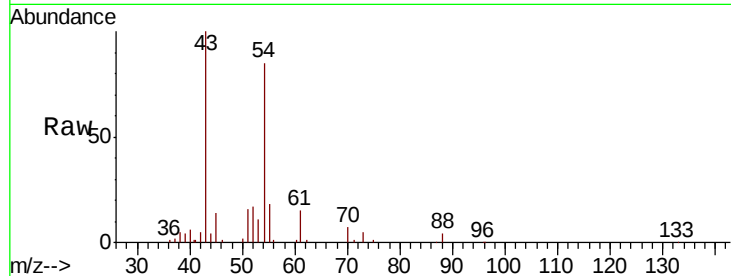




#37
Ethyl Acetate
Concen: 19.508 ug/l
RT: 7.08 min Scan# 877
Delta R.T. -0.01 min
Lab File: VY000874.D
Acq: 05 Dec 2019 11:57

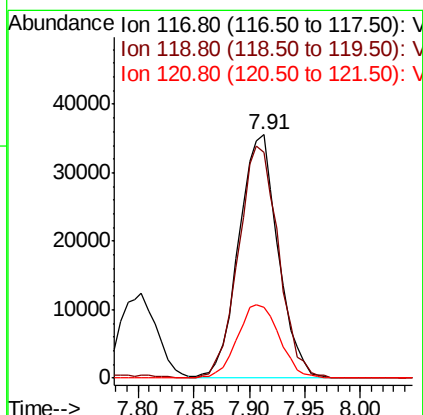
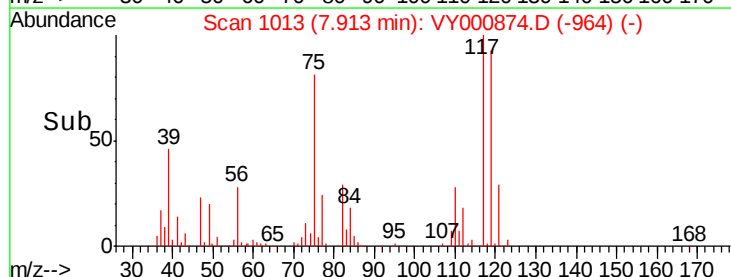
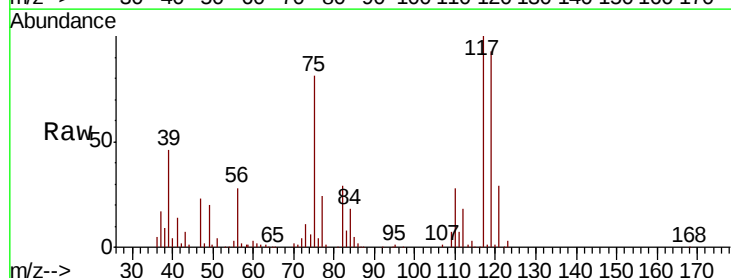
Instrument :
MSVOA_Y
ClientSampleId :
VY1205SBS01

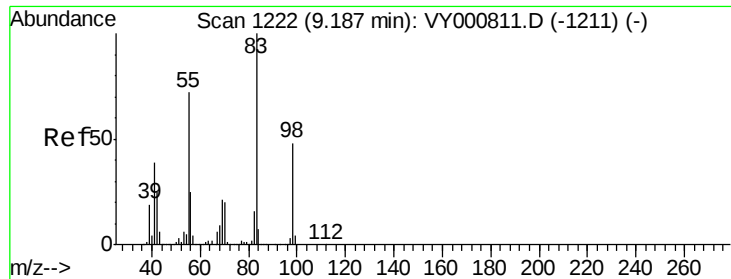
Tot Ion: 43 Resp: 56476
Ion Ratio Lower Upper
43 100
61 14.3 11.8 17.8
70 10.6 8.7 13.1



#38
Carbon Tetrachloride
Concen: 19.541 ug/l
RT: 7.91 min Scan# 1013
Delta R.T. -0.00 min
Lab File: VY000874.D
Acq: 05 Dec 2019 11:57

Tgt Ion: 117 Resp: 87255
Ion Ratio Lower Upper
117 100
119 92.6 79.3 118.9
121 29.2 25.5 38.3

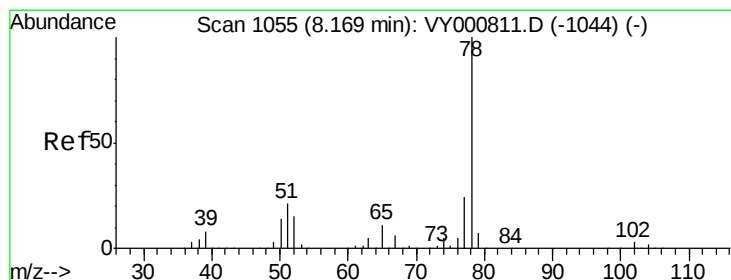
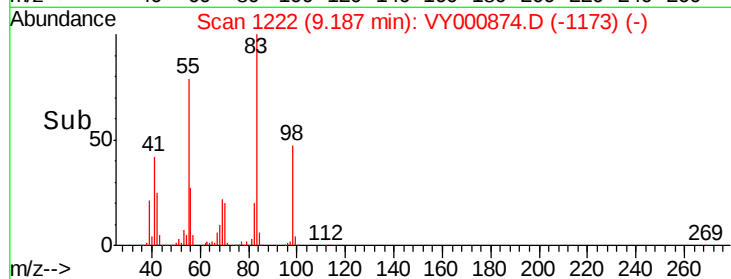
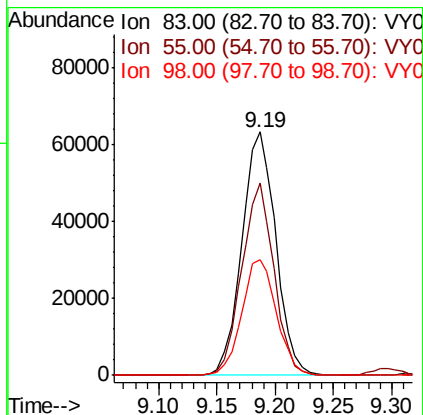
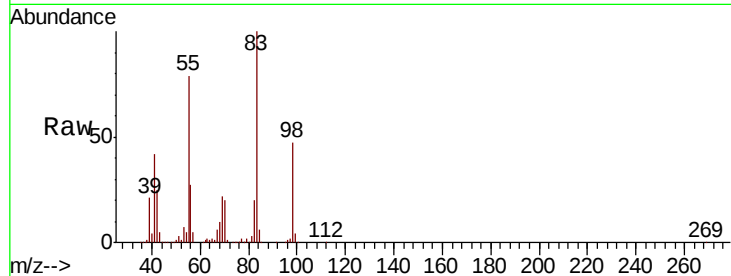




#39
Methvlcvclohexane
Concen: 19.363 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.00 min
Lab File: VY000874.D
Acq: 05 Dec 2019 11:57

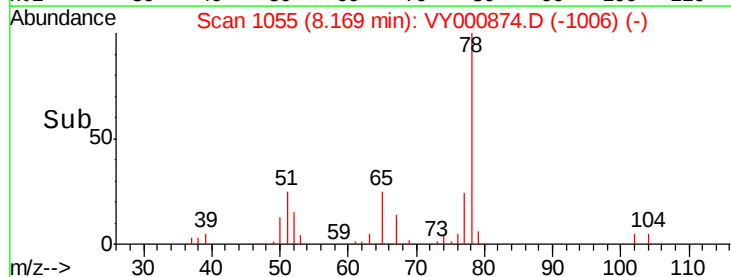
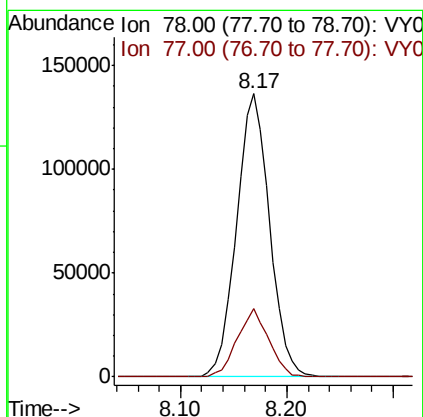
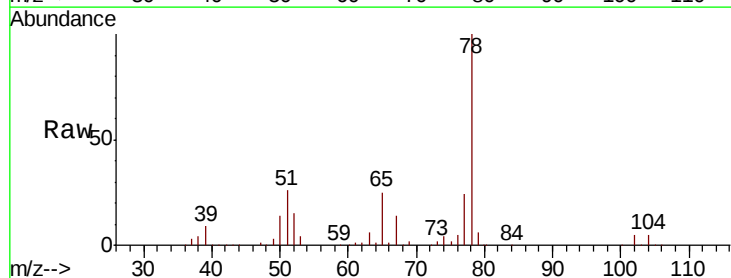
Instrument :
MSVOA_Y
ClientSampleId :
VY1205SBSD01

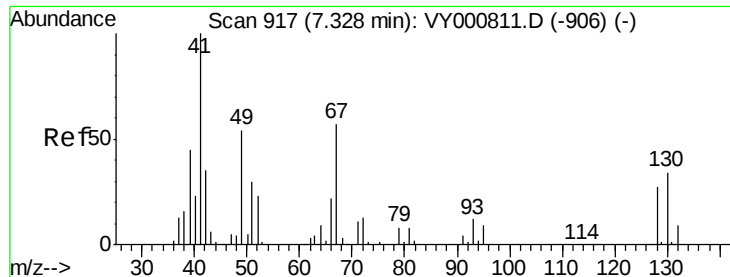
Tot Ion: 83 Resp: 128620
Ion Ratio Lower Upper
83 100
55 79.2 57.8 86.6
98 47.4 38.6 58.0



#40
Benzene
Concen: 20.330 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. -0.00 min
Lab File: VY000874.D
Acq: 05 Dec 2019 11:57

Tgt Ion: 78 Resp: 296911
Ion Ratio Lower Upper
78 100
77 24.0 19.2 28.8

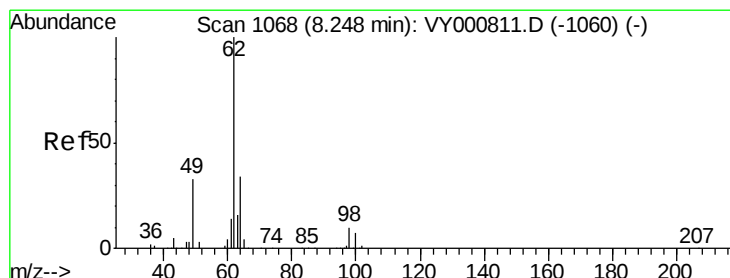
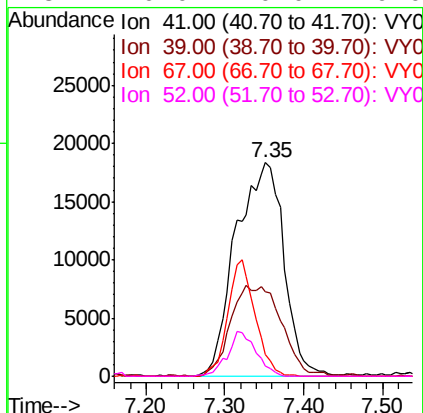
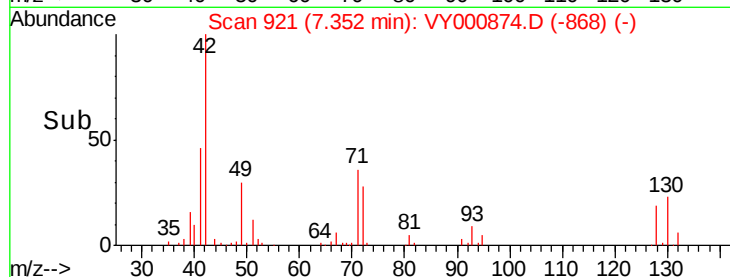
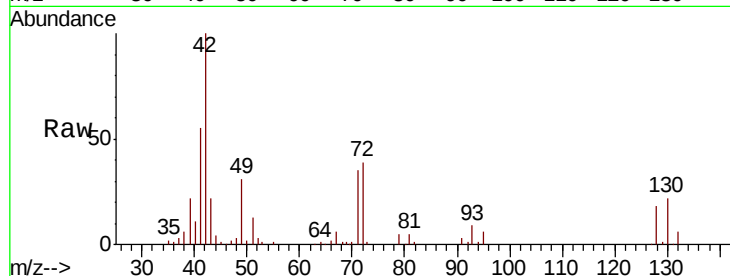




#41
Methacrylonitrile
Concen: 50.652 ug/l
RT: 7.35 min Scan# 921
Delta R.T. 0.02 min
Lab File: VY000874.D
Acq: 05 Dec 2019 11:57

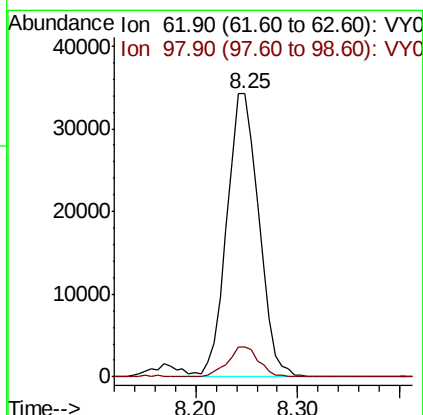
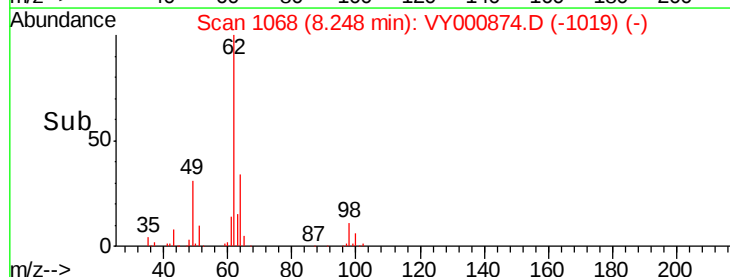
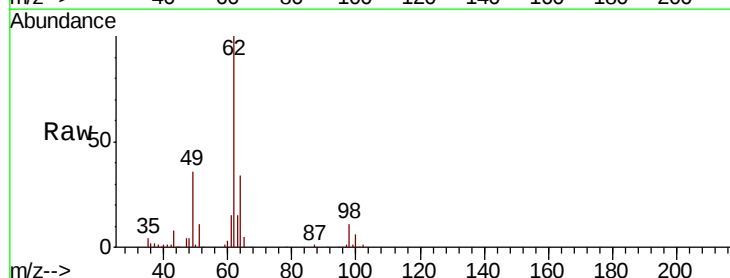
Instrument :
MSVOA_Y
ClientSampleId :
VY1205SBS01

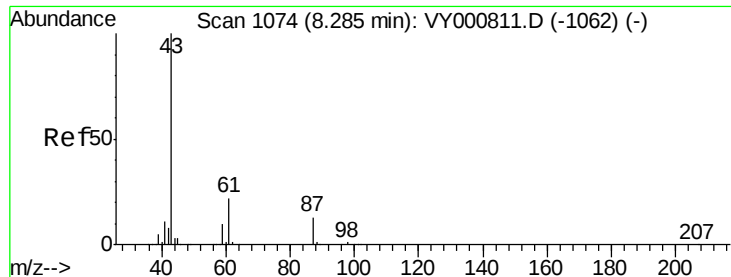
Tot Ion: 41 Resp: 77287
Ion Ratio Lower Upper
41 100
39 0.0 95.7 143.5#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 19.435 ug/l
RT: 8.25 min Scan# 1068
Delta R.T. -0.00 min
Lab File: VY000874.D
Acq: 05 Dec 2019 11:57

Tgt Ion: 62 Resp: 74647
Ion Ratio Lower Upper
62 100
98 10.4 0.0 21.4





#43

Isopropyl Acetate

Concen: 19.096 ug/l

RT: 8.28 min Scan# 1073

Delta R.T. -0.01 min

Lab File: VY000874.D

Acq: 05 Dec 2019 11:57

Instrument :

MSVOA_Y

ClientSampleId :

VY1205SBS01

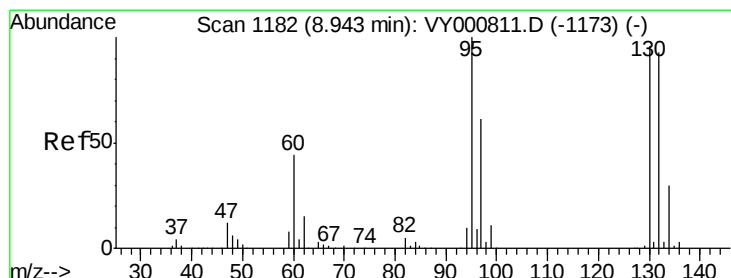
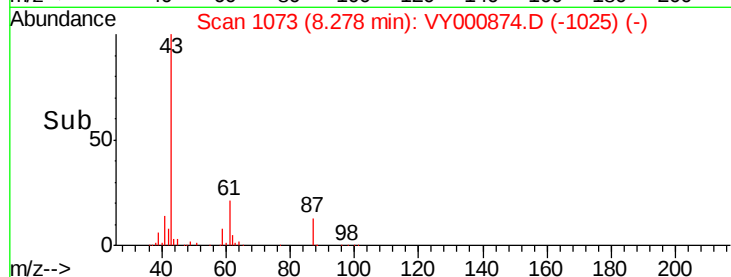
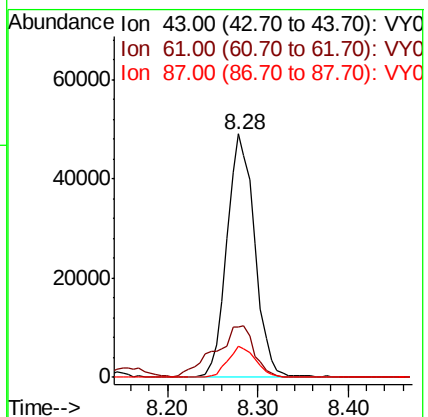
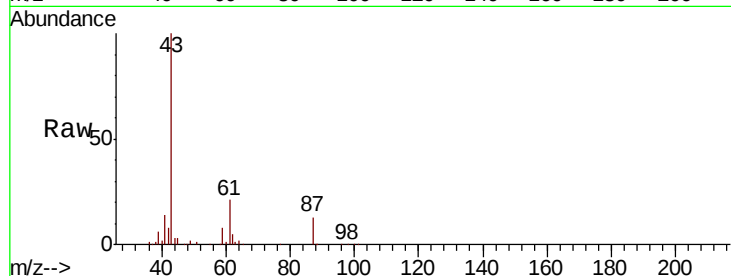
Tot Ion: 43 Resp: 104182

Ion Ratio Lower Upper

43 100

61 29.7 23.7 35.5

87 12.8 10.6 15.8



#44

Trichloroethene

Concen: 20.071 ug/l

RT: 8.94 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VY000874.D

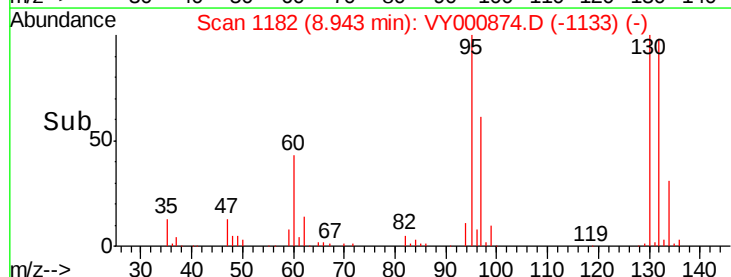
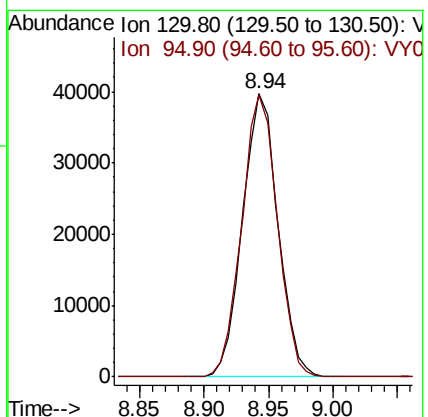
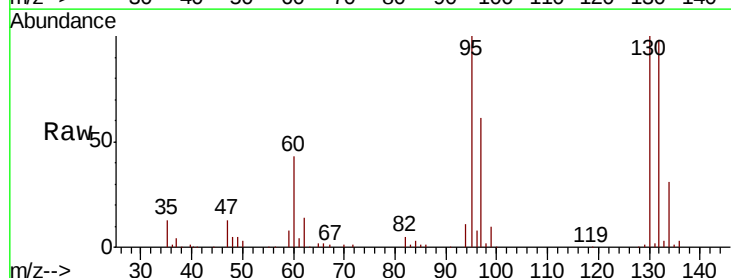
Acq: 05 Dec 2019 11:57

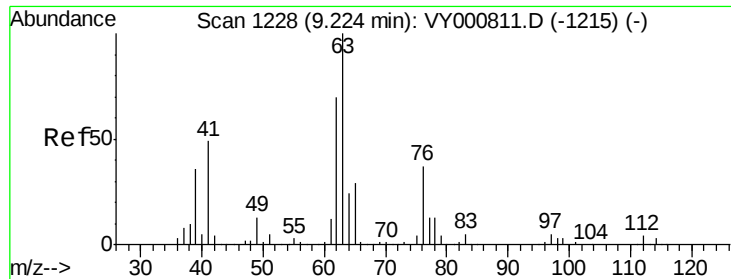
Tgt Ion: 130 Resp: 75333

Ion Ratio Lower Upper

130 100

95 99.7 0.0 207.8

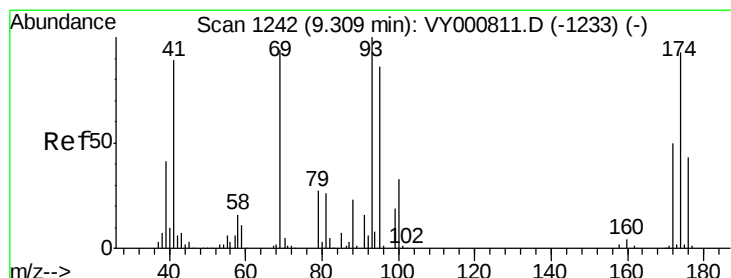
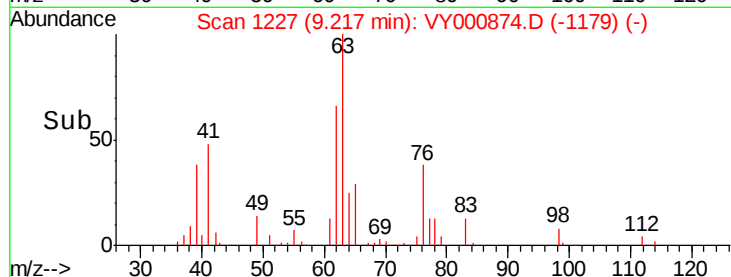
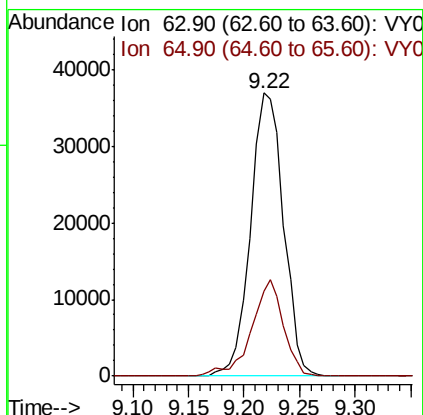
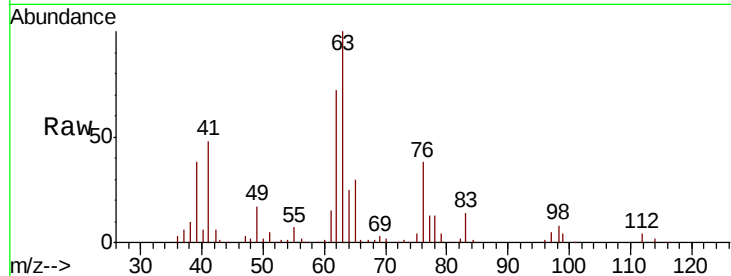




#45
 1,2-Dichloropropane
 Concen: 20.784 ug/l
 RT: 9.22 min Scan# 1227
 Delta R.T. -0.01 min
 Lab File: VY000874.D
 Acq: 05 Dec 2019 11:57

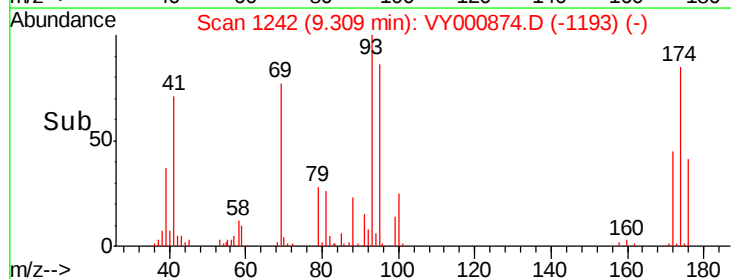
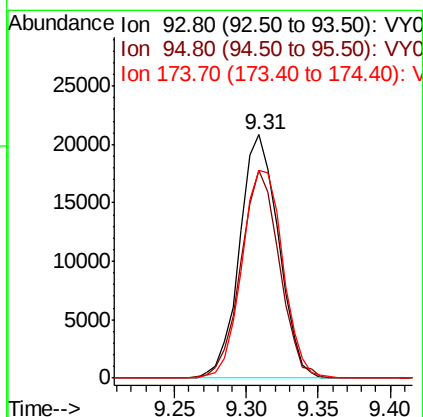
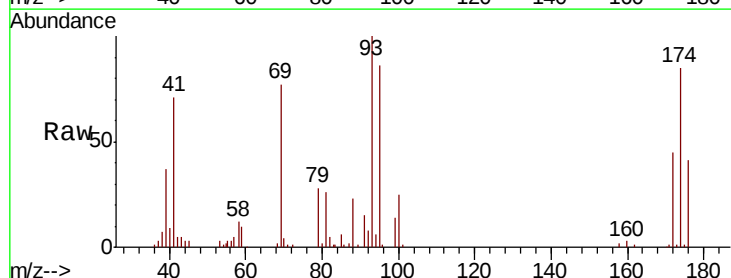
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1205SBS01

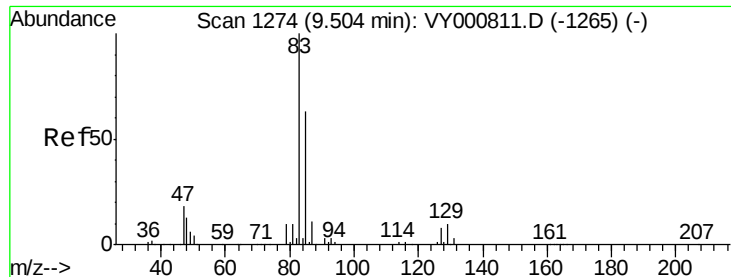
Tot Ion: 63 Resp: 76243
 Ion Ratio Lower Upper
 63 100
 65 30.1 23.2 34.8



#46
 Dibromomethane
 Concen: 20.354 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. -0.00 min
 Lab File: VY000874.D
 Acq: 05 Dec 2019 11:57

Tgt Ion: 93 Resp: 39012
 Ion Ratio Lower Upper
 93 100
 95 84.7 66.4 99.6
 174 89.5 73.0 109.6





#47

Bromodichloromethane

Concen: 19.829 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. -0.01 min

Lab File: VY000874.D

Acq: 05 Dec 2019 11:57

Instrument :

MSVOA_Y

ClientSampleId :

VY1205SBS01

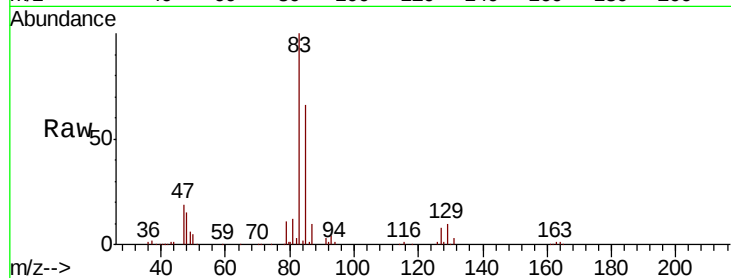
Tot Ion: 83 Resp: 89281

Ion Ratio Lower Upper

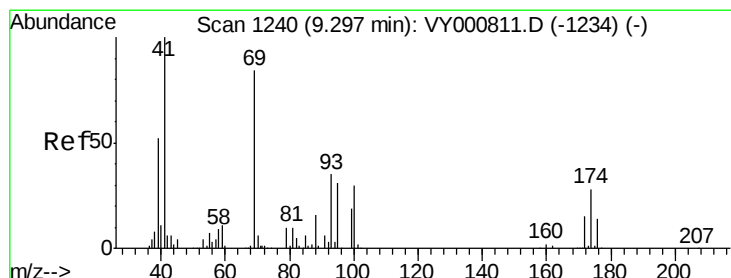
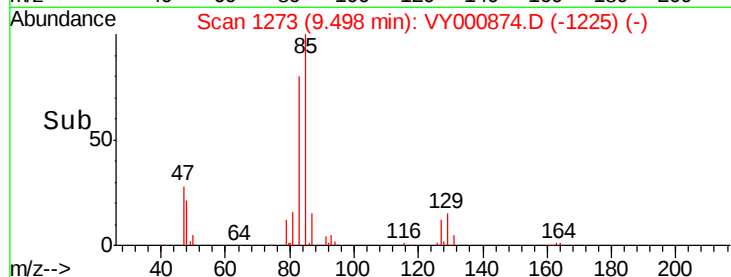
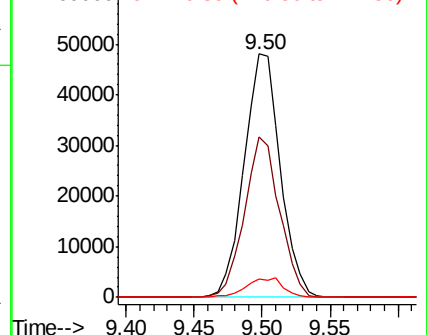
83 100

85 65.8 50.8 76.2

127 7.7 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: 19.383 ug/l

RT: 9.30 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VY000874.D

Acq: 05 Dec 2019 11:57

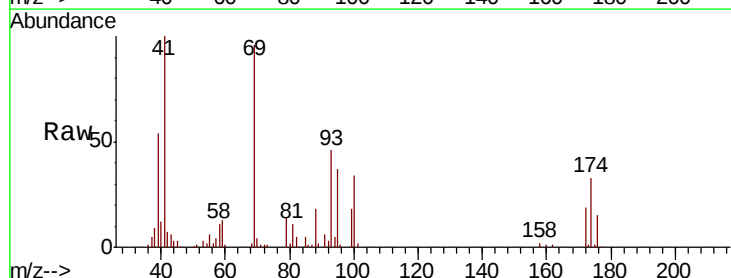
Tgt Ion: 41 Resp: 46500

Ion Ratio Lower Upper

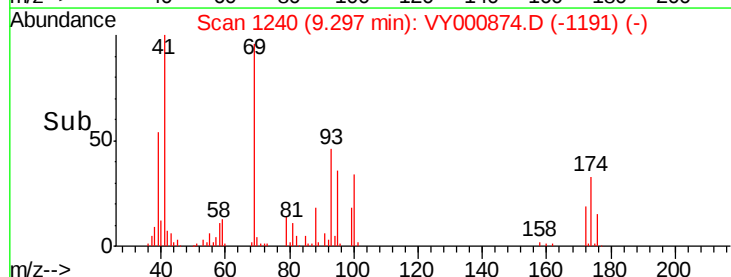
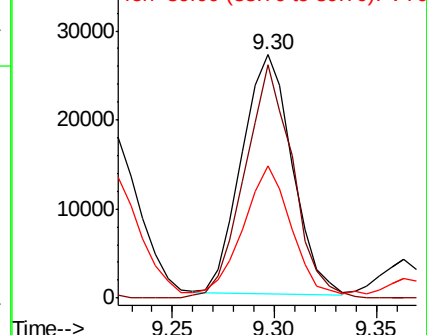
41 100

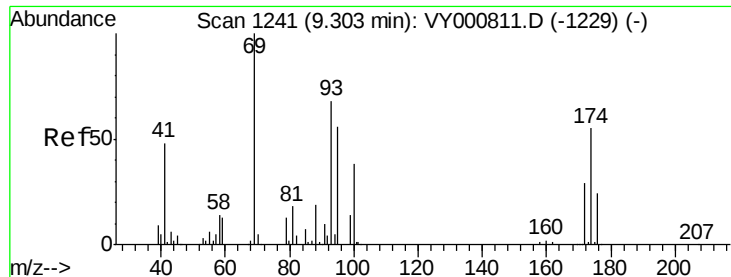
69 92.7 70.4 105.6

39 53.7 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

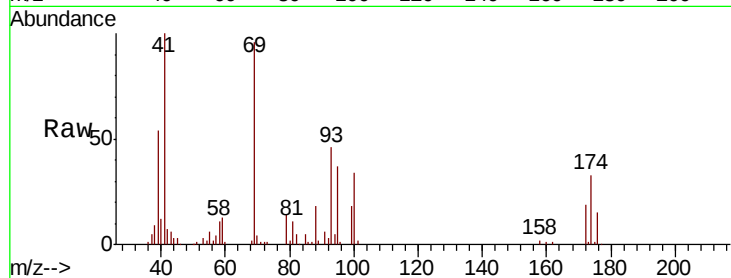




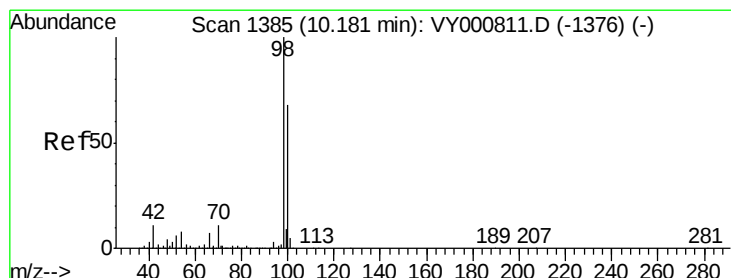
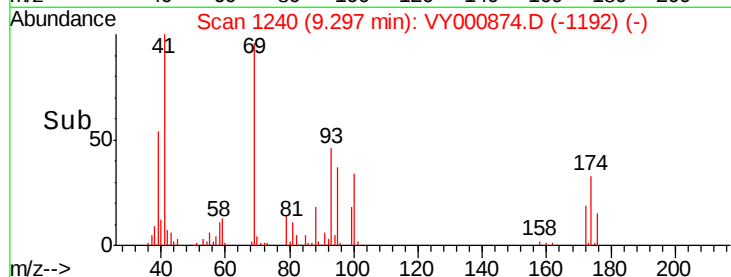
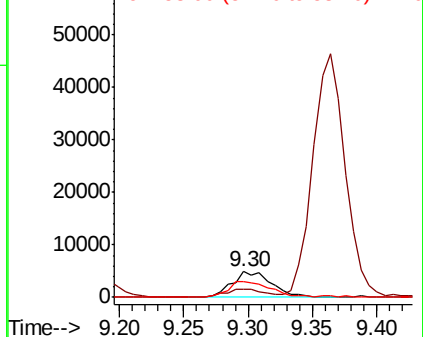
#49
1,4-Dioxane
Concen: 387.177 ug/l
RT: 9.30 min Scan# 1240
Delta R.T. -0.01 min
Lab File: VY000874.D
Acq: 05 Dec 2019 11:57

Instrument :
MSVOA_Y
ClientSampleId :
VY1205SBS01

Tot Ion: 88 Resp: 10515
Ion Ratio Lower Upper
88 100
43 34.0 21.1 31.7#
58 68.0 50.7 76.1

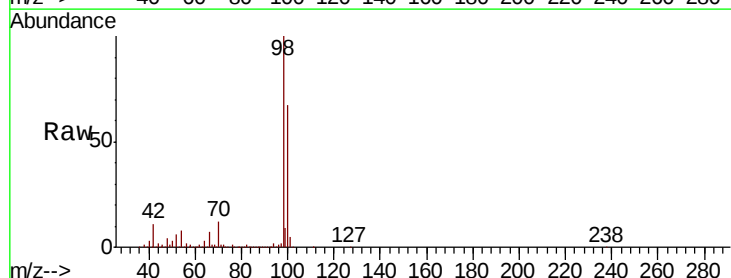


Abundance Ion 88.00 (87.70 to 88.70): VY0
Ion 43.00 (42.70 to 43.70): VY0
Ion 58.00 (57.70 to 58.70): VY0

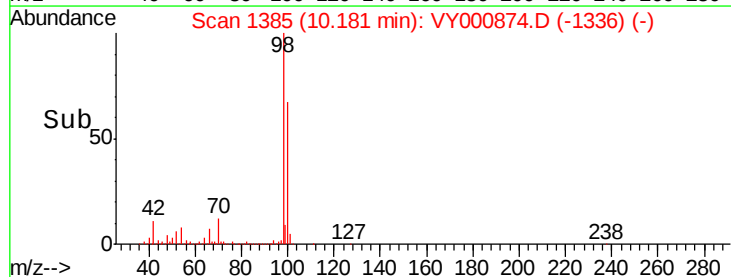
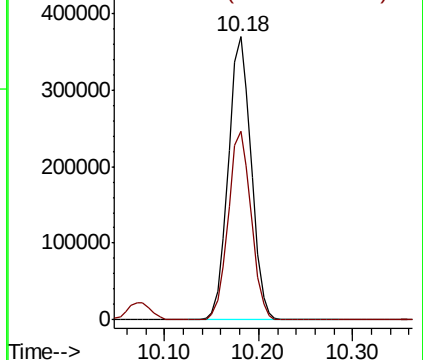


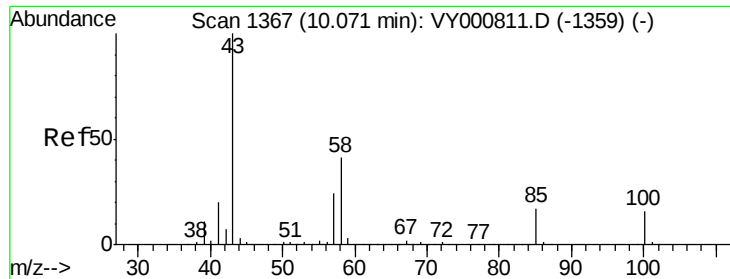
#50
Toluene-d8
Concen: 52.692 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VY000874.D
Acq: 05 Dec 2019 11:57

Tgt Ion: 98 Resp: 619082
Ion Ratio Lower Upper
98 100
100 66.9 53.1 79.7



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

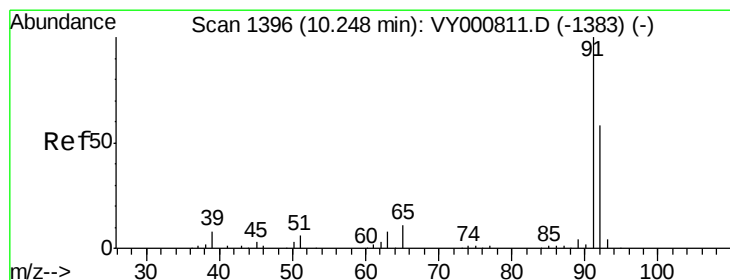
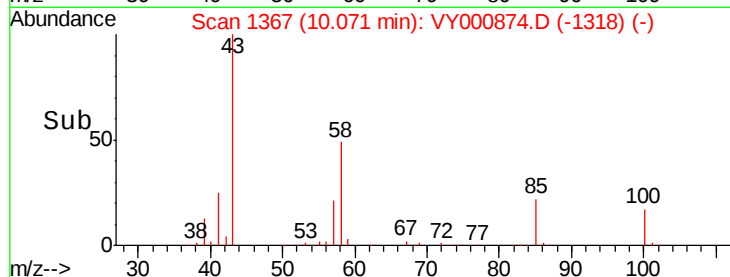
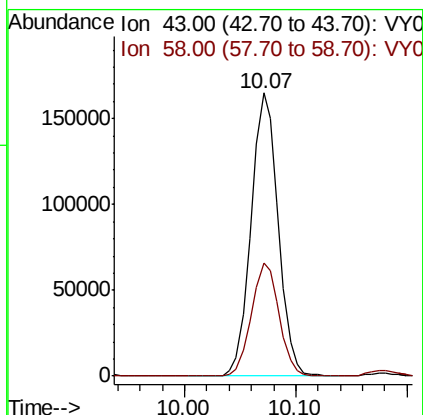
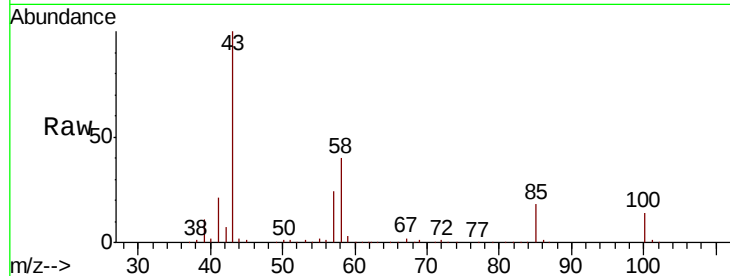




#51
4-Methyl-2-Pentanone
Concen: 99.198 ug/l
RT: 10.07 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VY000874.D
Acq: 05 Dec 2019 11:57

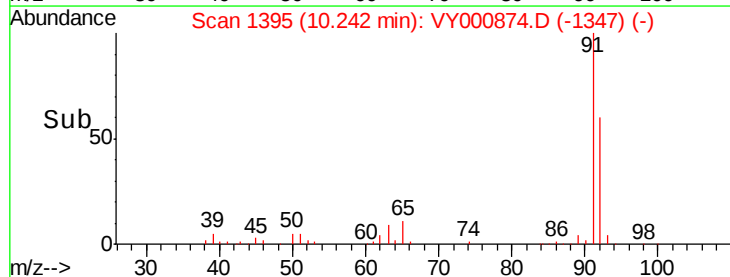
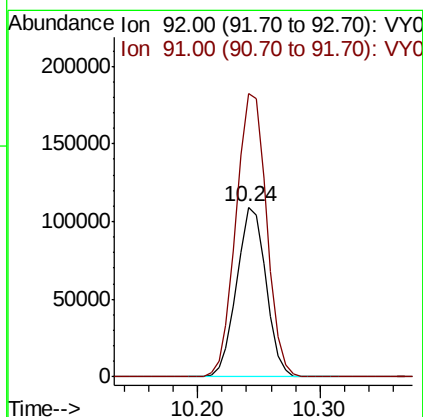
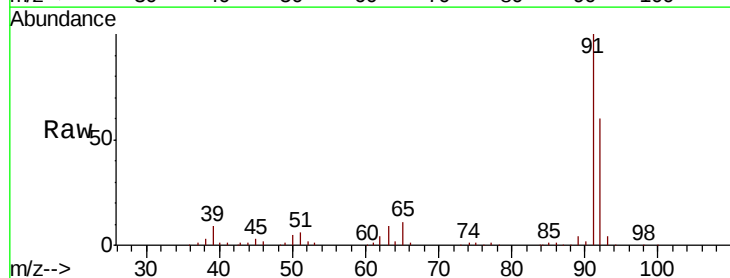
Instrument :
MSVOA_Y
ClientSampleId :
VY1205SBS01

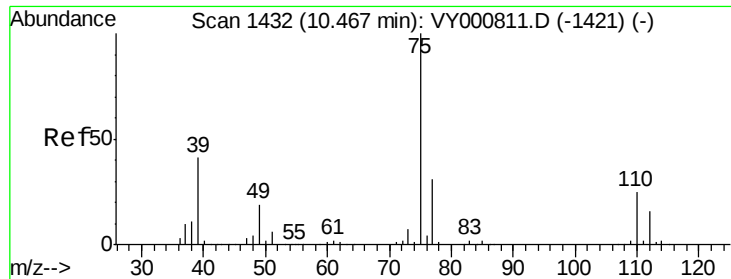
Tot Ion: 43 Resp: 279620
Ion Ratio Lower Upper
43 100
58 40.7 33.1 49.7



#52
Toluene
Concen: 20.093 ug/l
RT: 10.24 min Scan# 1395
Delta R.T. -0.01 min
Lab File: VY000874.D
Acq: 05 Dec 2019 11:57

Tgt Ion: 92 Resp: 181692
Ion Ratio Lower Upper
92 100
91 173.9 136.6 204.8





#53

t-1,3-Dichloropropene

Concen: 20.509 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VY000874.D

Acq: 05 Dec 2019 11:57

Instrument :

MSVOA_Y

ClientSampleId :

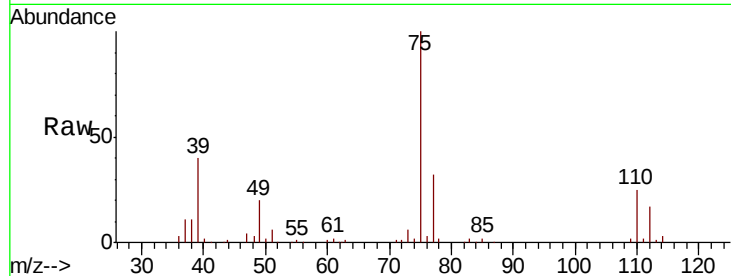
VY1205SBS01

Tot Ion: 75 Resp: 99214

Ion Ratio Lower Upper

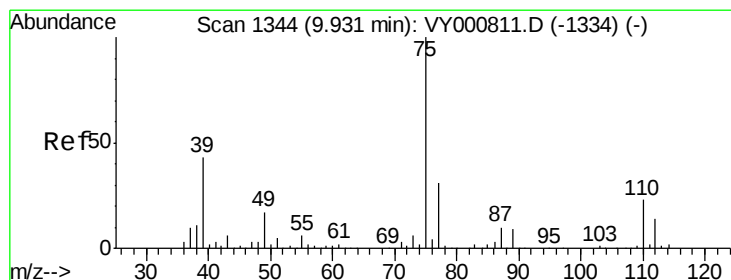
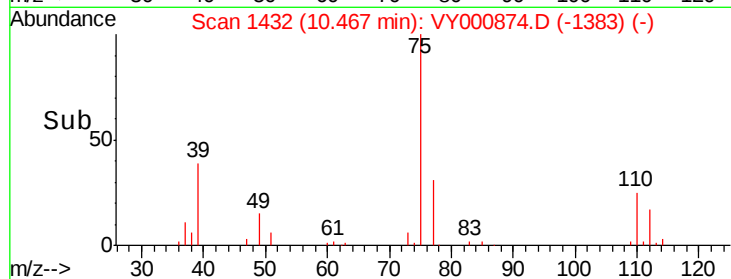
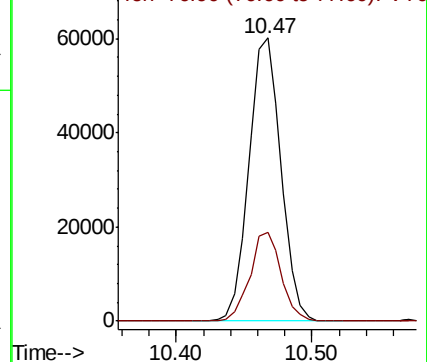
75 100

77 31.6 25.1 37.7



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0



#54

cis-1,3-Dichloropropene

Concen: 20.473 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. -0.00 min

Lab File: VY000874.D

Acq: 05 Dec 2019 11:57

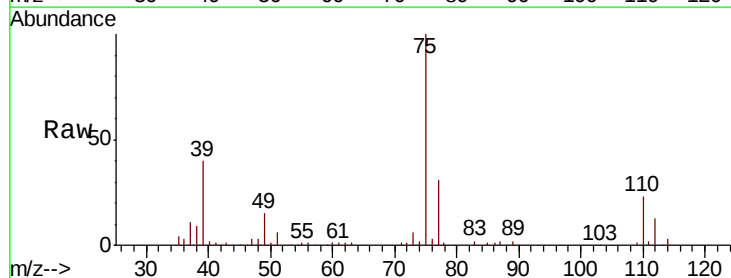
Tgt Ion: 75 Resp: 117062

Ion Ratio Lower Upper

75 100

77 30.6 24.7 37.1

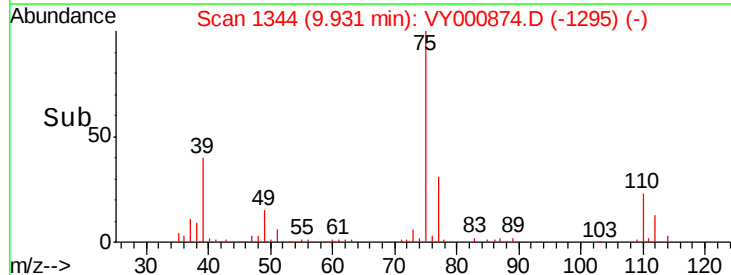
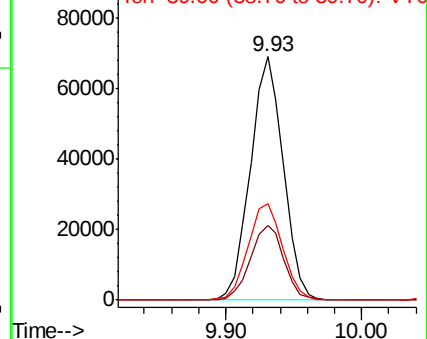
39 39.8 34.5 51.7

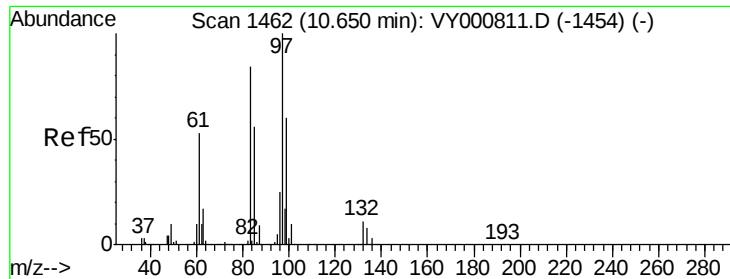


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0

Ion 39.00 (38.70 to 39.70): VY0

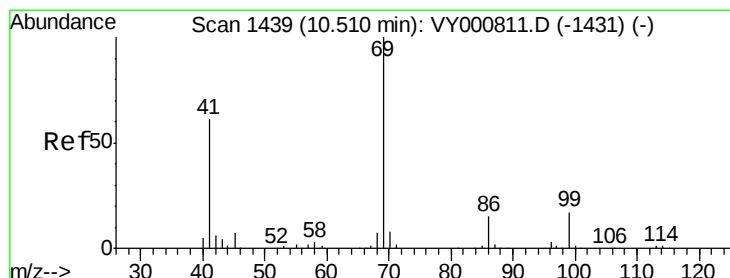
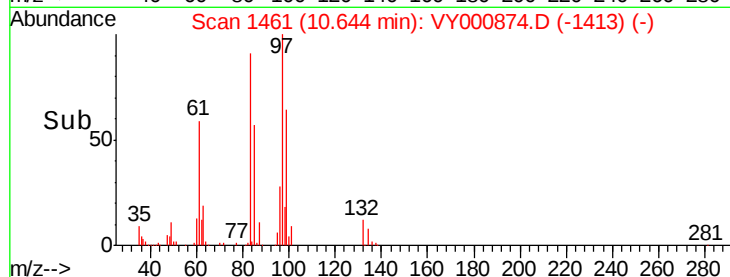
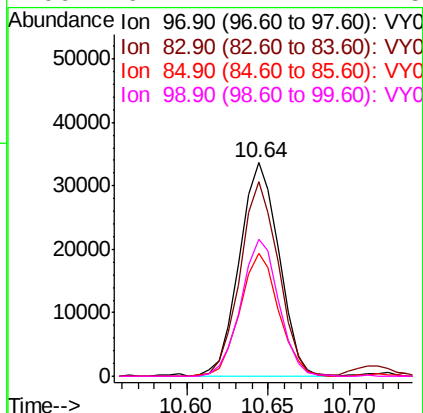
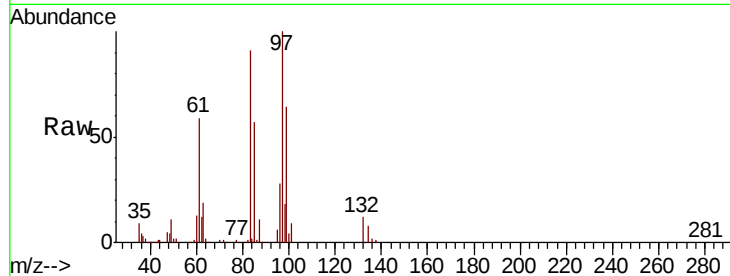




#55
 1,1,2-Trichloroethane
 Concen: 20.148 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. -0.01 min
 Lab File: VY000874.D
 Acq: 05 Dec 2019 11:57

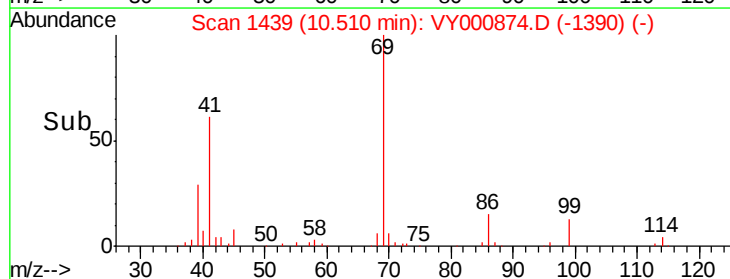
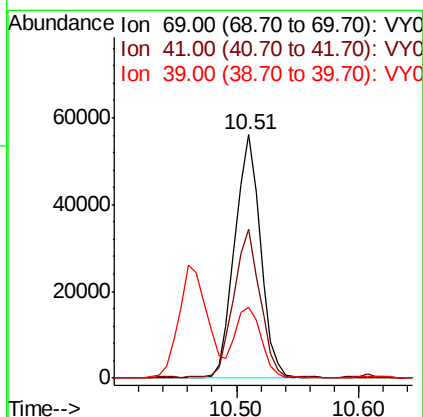
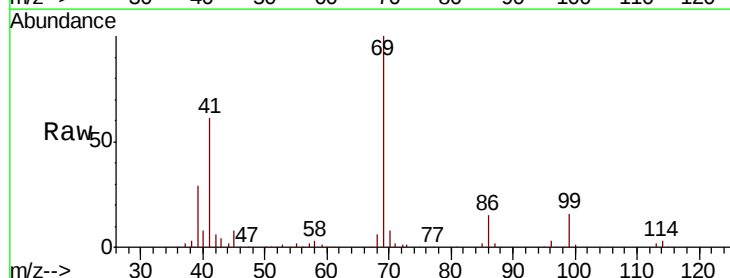
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1205SBSD01

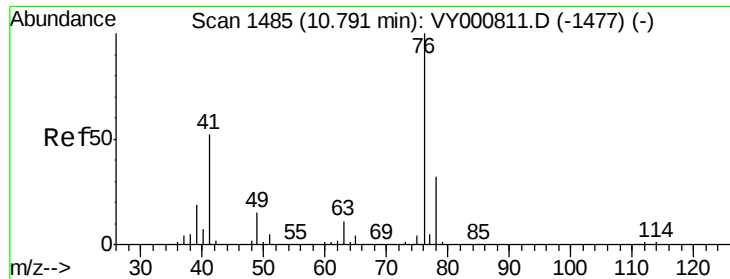
Tot Ion: 97 Resp: 57054
 Ion Ratio Lower Upper
 97 100
 83 90.9 67.5 101.3
 85 57.5 44.5 66.7
 99 64.2 47.7 71.5



#56
 Ethyl methacrylate
 Concen: 20.187 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. -0.00 min
 Lab File: VY000874.D
 Acq: 05 Dec 2019 11:57

Tgt Ion: 69 Resp: 81777
 Ion Ratio Lower Upper
 69 100
 41 62.0 49.0 73.6
 39 29.4 23.1 34.7

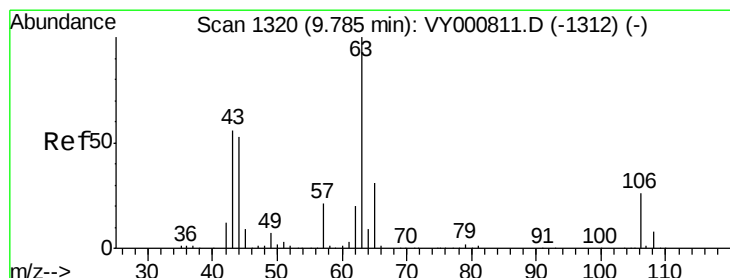
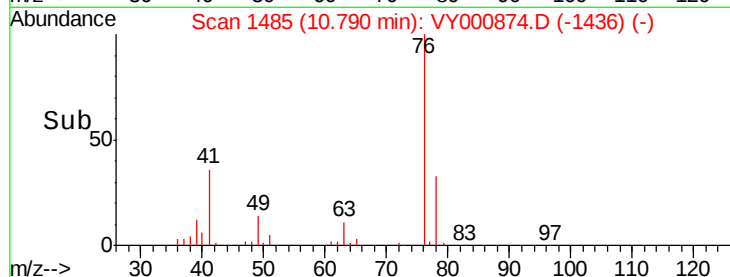
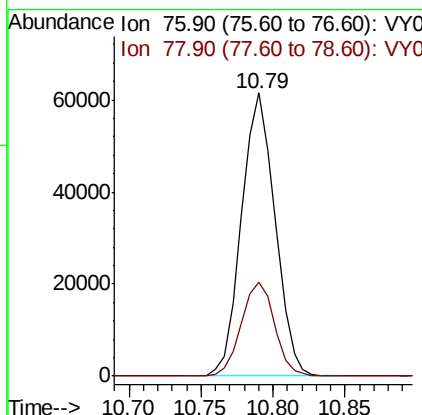
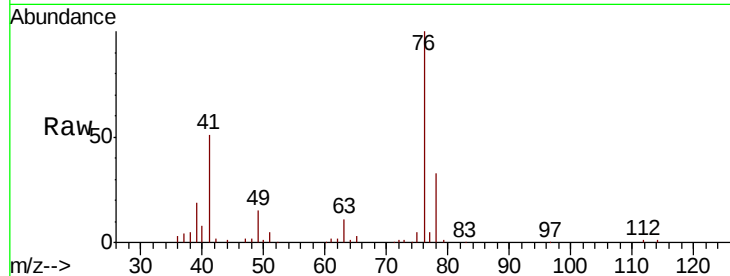




#57
 1,3-Dichloropropane
 Concen: 20.120 ug/l
 RT: 10.79 min Scan# 1485
 Delta R.T. -0.00 min
 Lab File: VY000874.D
 Acq: 05 Dec 2019 11:57

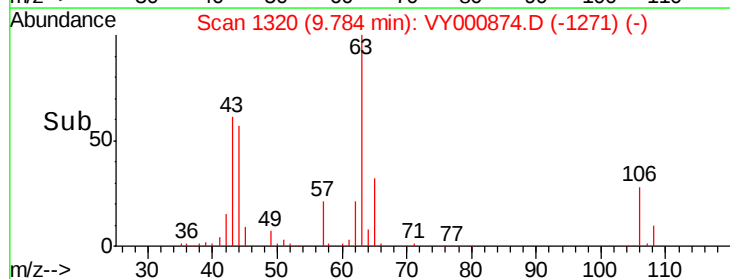
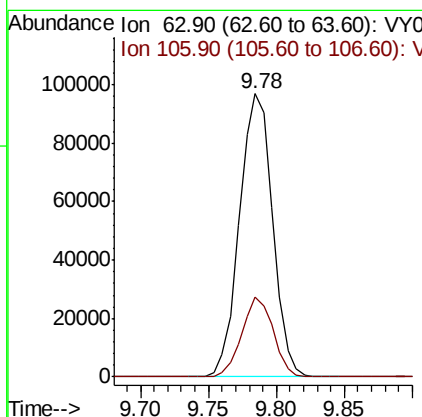
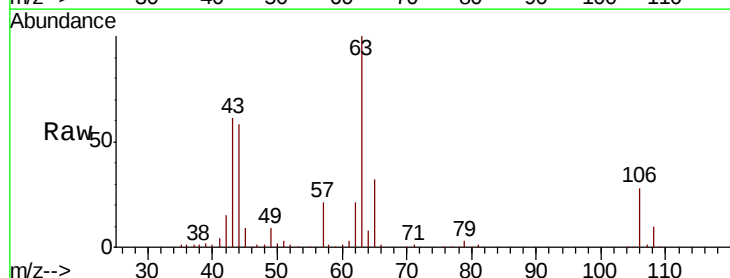
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1205SBSD01

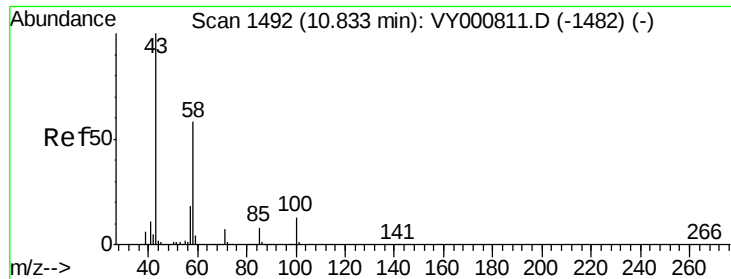
Tot Ion: 76 Resp: 99302
 Ion Ratio Lower Upper
 76 100
 78 33.0 26.4 39.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 100.752 ug/l
 RT: 9.78 min Scan# 1320
 Delta R.T. -0.00 min
 Lab File: VY000874.D
 Acq: 05 Dec 2019 11:57

Tgt Ion: 63 Resp: 164568
 Ion Ratio Lower Upper
 63 100
 106 26.9 21.5 32.3

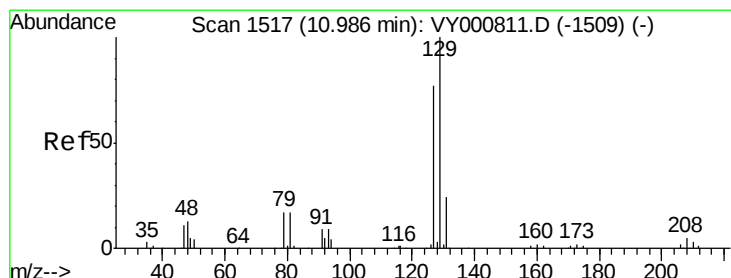
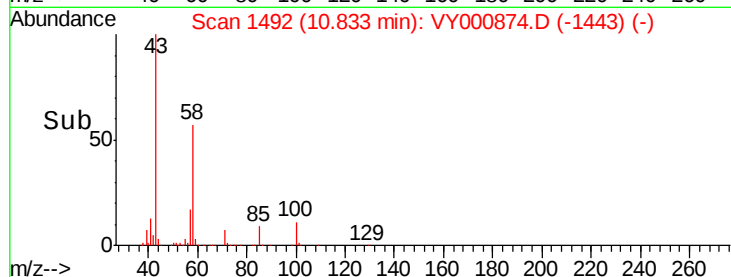
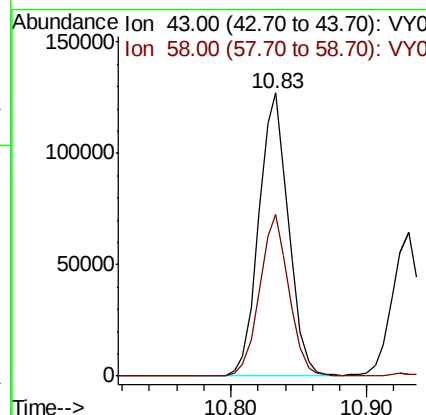
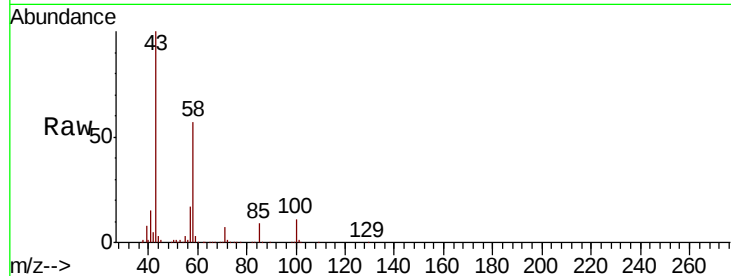




#59
2-Hexanone
Concen: 94.666 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VY000874.D
Acq: 05 Dec 2019 11:57

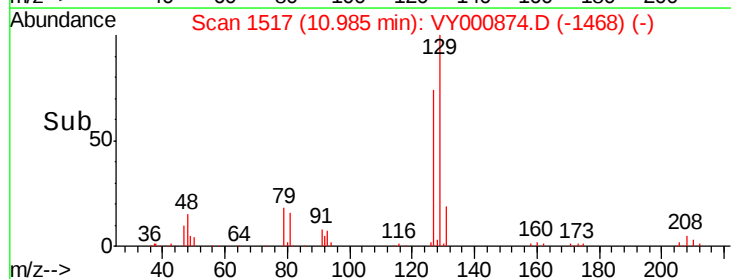
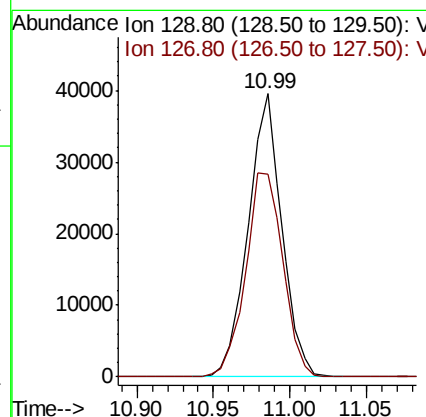
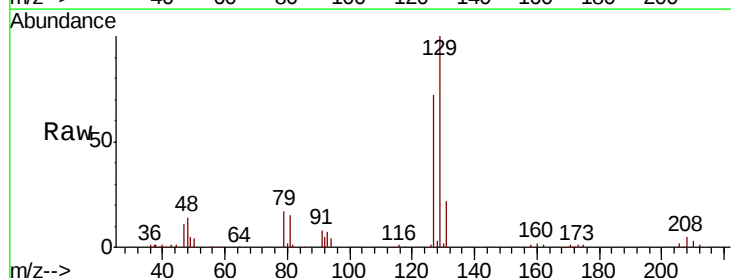
Instrument :
MSVOA_Y
ClientSampleId :
VY1205SBS01

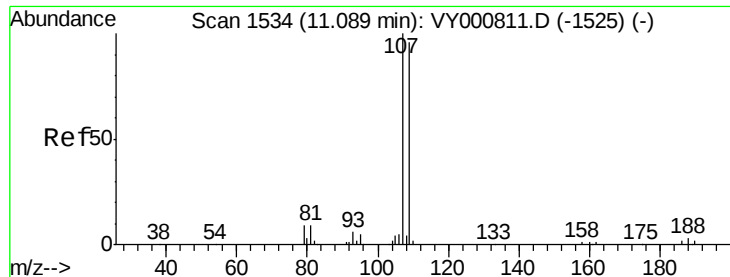
Tot Ion: 43 Resp: 194445
Ion Ratio Lower Upper
43 100
58 56.6 29.0 87.1



#60
Dibromochloromethane
Concen: 19.822 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VY000874.D
Acq: 05 Dec 2019 11:57

Tgt Ion: 129 Resp: 60426
Ion Ratio Lower Upper
129 100
127 79.7 39.1 117.2

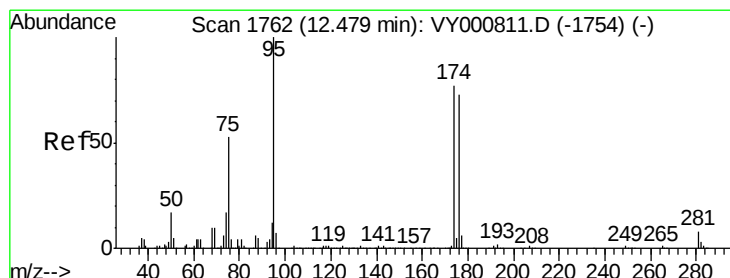
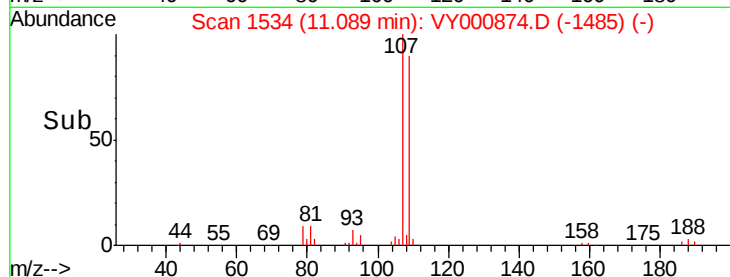
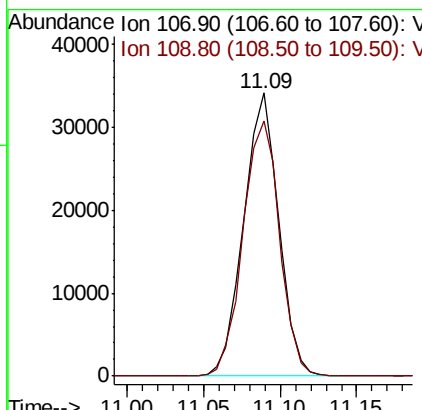
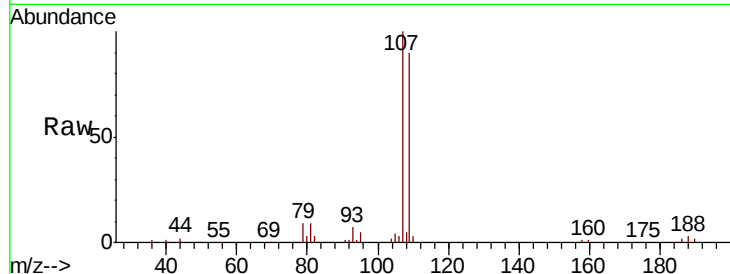




#61
 1,2-Dibromoethane
 Concen: 20.378 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. -0.00 min
 Lab File: VY000874.D
 Acq: 05 Dec 2019 11:57

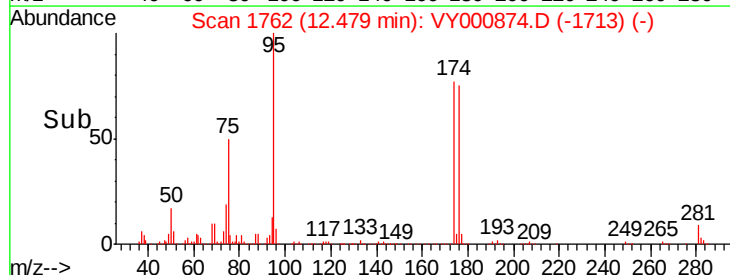
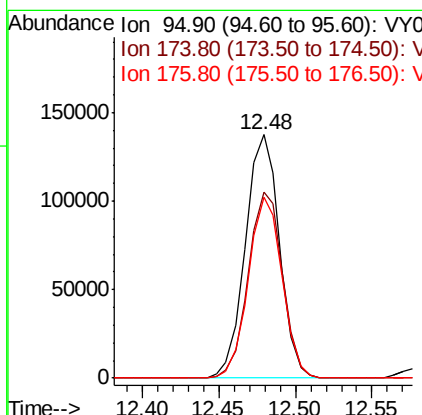
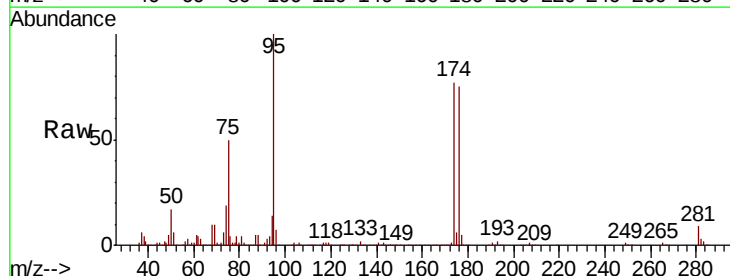
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1205SBS01

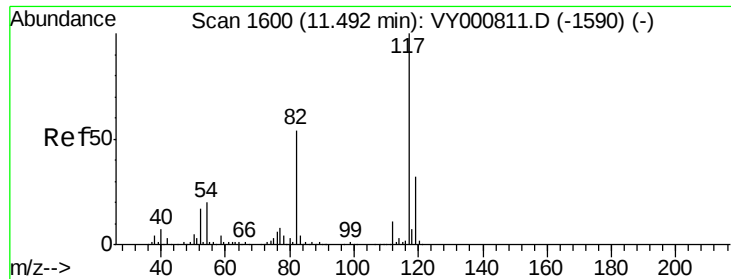
Tot Ion: 107 Resp: 54384
 Ion Ratio Lower Upper
 107 100
 109 94.1 75.9 113.9



#62
 4-Bromofluorobenzene
 Concen: 48.221 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. -0.00 min
 Lab File: VY000874.D
 Acq: 05 Dec 2019 11:57

Tgt Ion: 95 Resp: 212770
 Ion Ratio Lower Upper
 95 100
 174 76.8 0.0 150.6
 176 73.6 0.0 145.2

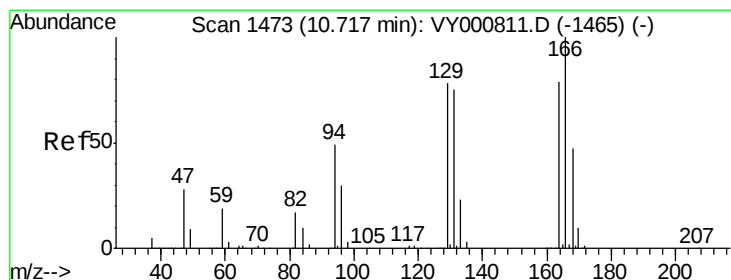
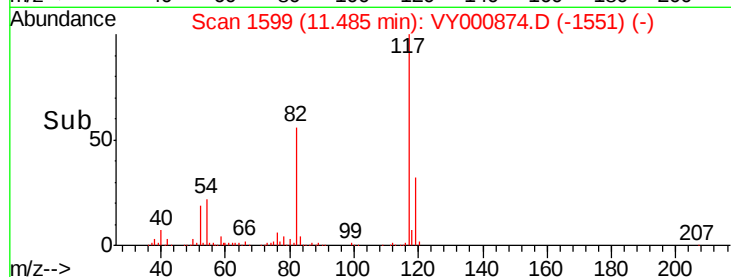
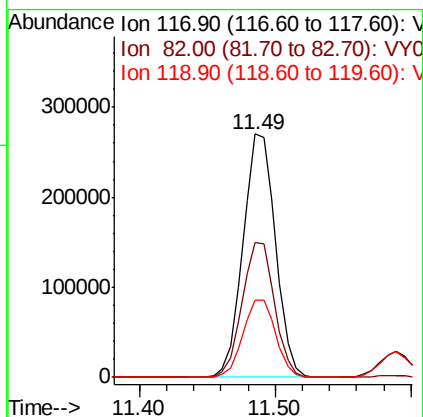
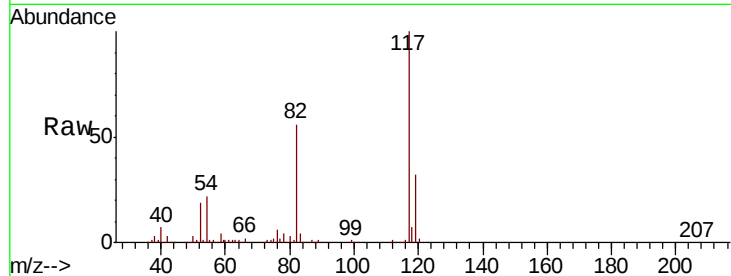




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1599
Delta R.T. -0.01 min
Lab File: VY000874.D
Acq: 05 Dec 2019 11:57

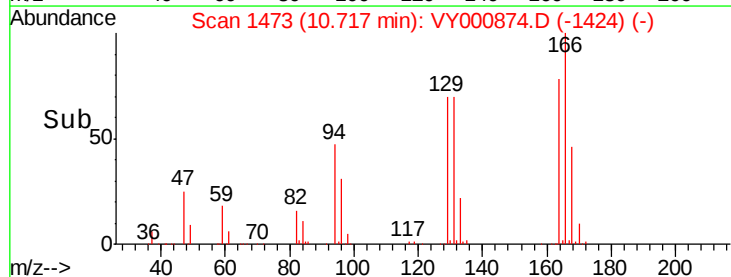
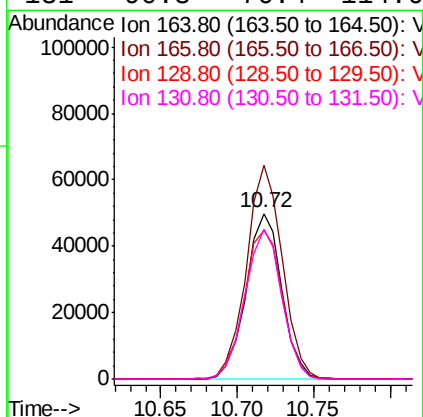
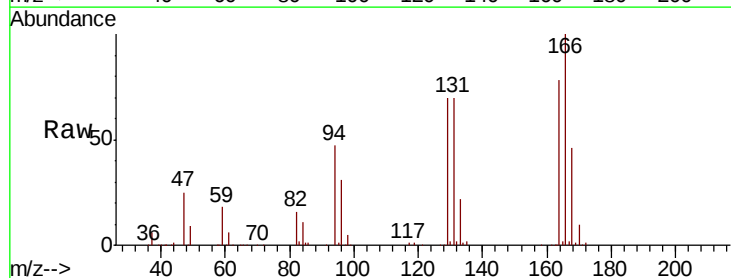
Instrument :
MSVOA_Y
ClientSampleId :
VY1205SBSD01

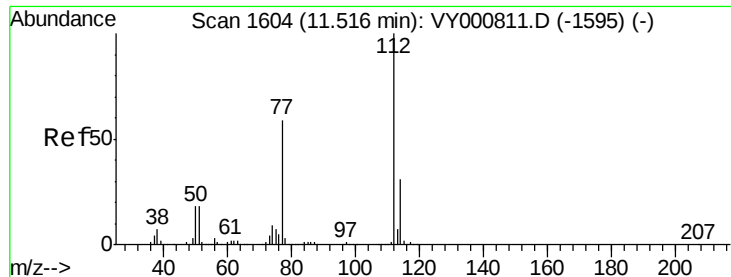
Tot Ion:117 Resp: 450149
Ion Ratio Lower Upper
117 100
82 55.6 43.1 64.7
119 31.7 25.3 37.9



#64
Tetrachloroethene
Concen: 20.637 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VY000874.D
Acq: 05 Dec 2019 11:57

Tgt Ion:164 Resp: 80713
Ion Ratio Lower Upper
164 100
166 129.0 101.8 152.8
129 89.6 79.3 118.9
131 90.3 76.4 114.6





#65

Chlorobenzene

Concen: 20.255 ug/l

RT: 11.52 min Scan# 1604

Delta R.T. -0.00 min

Lab File: VY000874.D

Acq: 05 Dec 2019 11:57

Instrument :

MSVOA_Y

ClientSampleId :

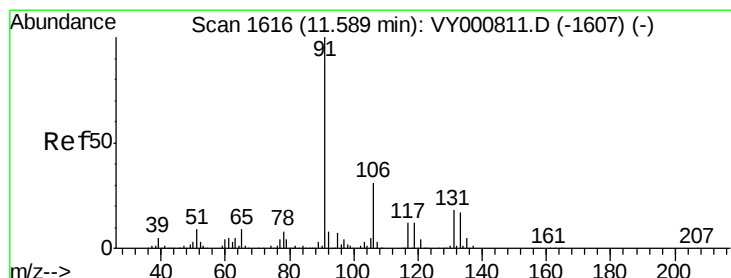
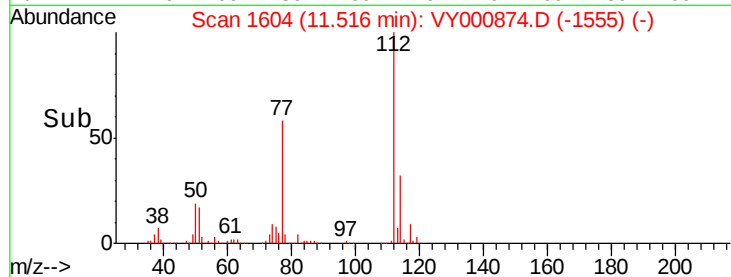
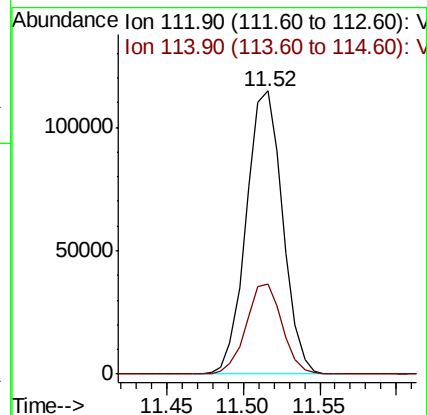
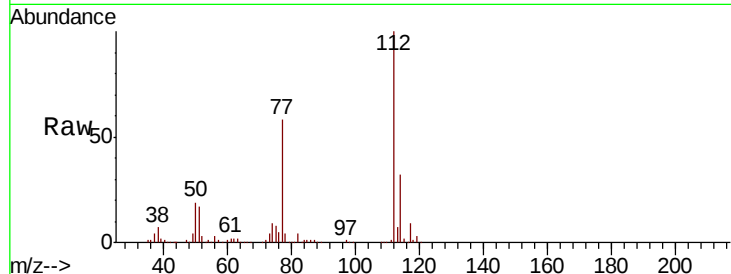
VY1205SBS01

Tot Ion:112 Resp: 189524

Ion Ratio Lower Upper

112 100

114 32.0 25.1 37.7



#66

1,1,1,2-Tetrachloroethane

Concen: 20.559 ug/l

RT: 11.59 min Scan# 1616

Delta R.T. -0.00 min

Lab File: VY000874.D

Acq: 05 Dec 2019 11:57

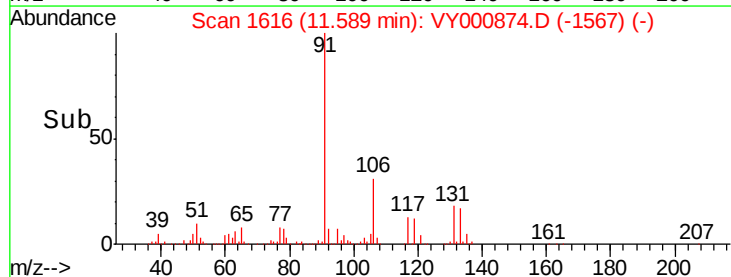
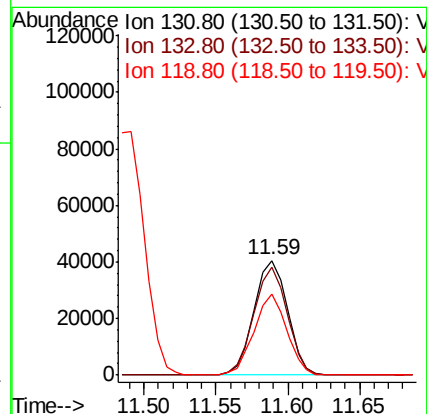
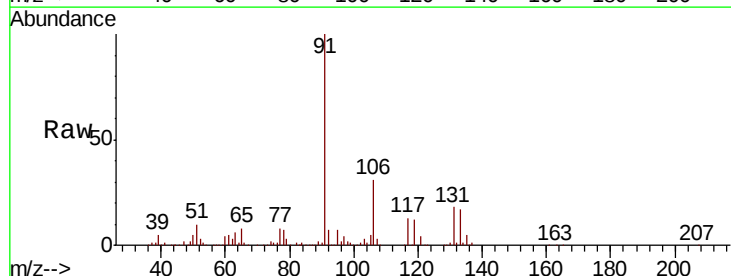
Tgt Ion:131 Resp: 64831

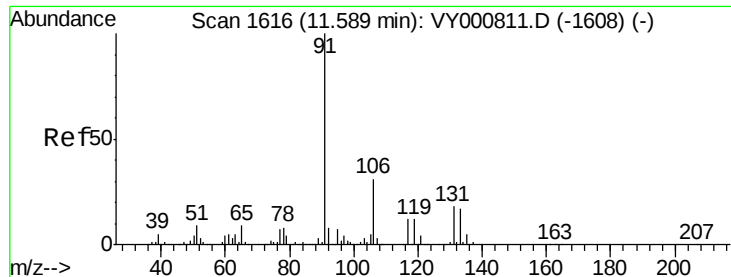
Ion Ratio Lower Upper

131 100

133 95.1 47.4 142.2

119 68.9 33.8 101.3





#67

Ethyl Benzene

Concen: 20.173 ug/l

RT: 11.59 min Scan# 1616

Delta R.T. -0.00 min

Lab File: VY000874.D

Acq: 05 Dec 2019 11:57

Instrument :

MSVOA_Y

ClientSampleId :

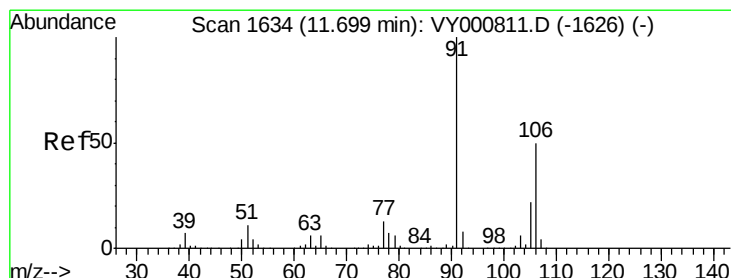
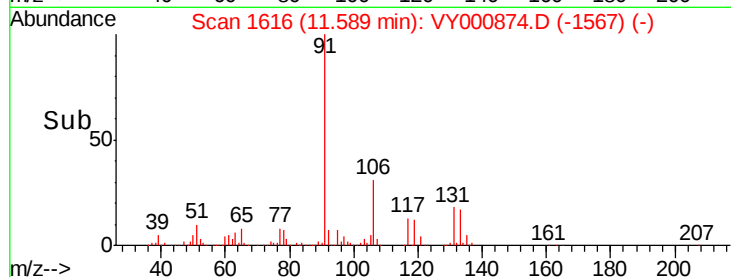
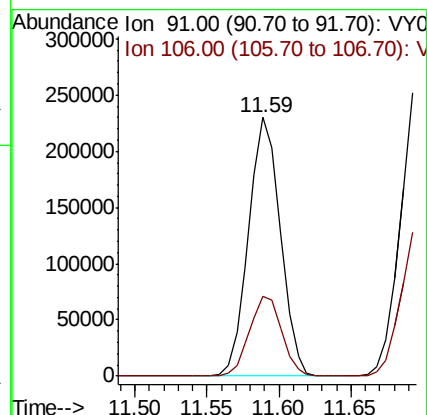
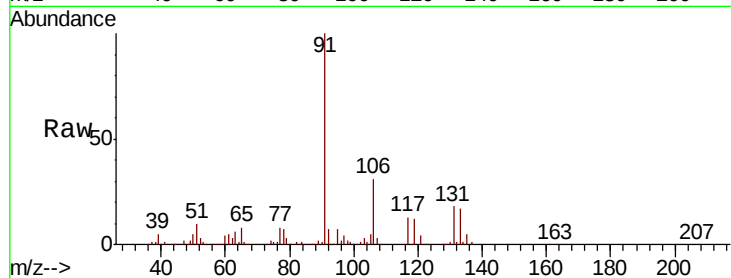
VY1205SBS01

Tot Ion: 91 Resp: 351541

Ion Ratio Lower Upper

91 100

106 30.6 24.4 36.6



#68

m/p-Xylenes

Concen: 40.860 ug/l

RT: 11.70 min Scan# 1634

Delta R.T. -0.00 min

Lab File: VY000874.D

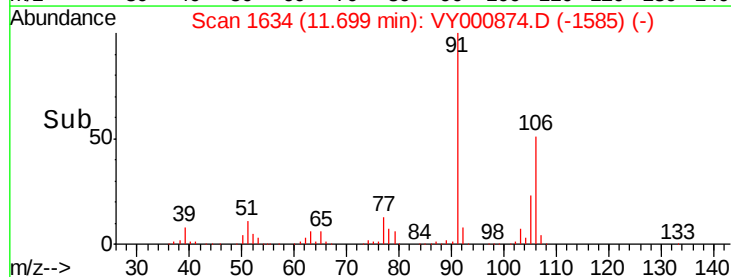
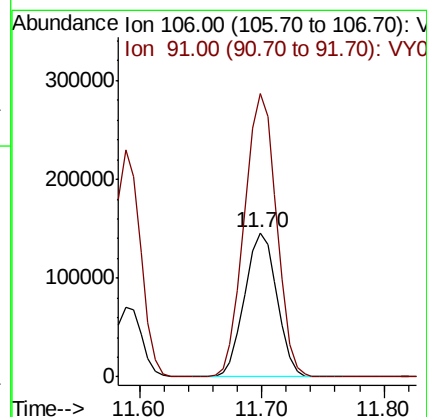
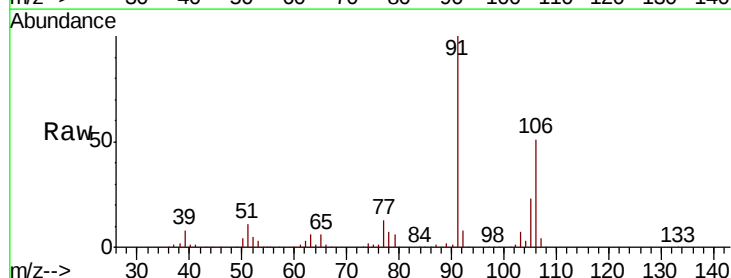
Acq: 05 Dec 2019 11:57

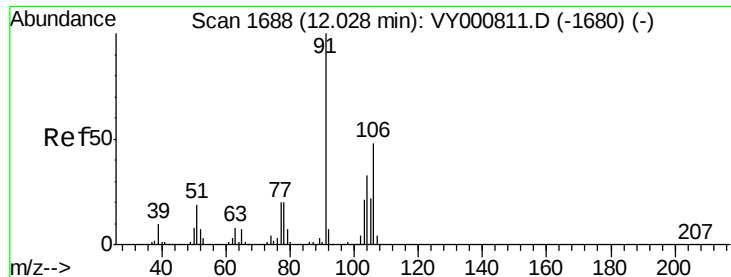
Tgt Ion: 106 Resp: 267262

Ion Ratio Lower Upper

106 100

91 196.0 159.6 239.4

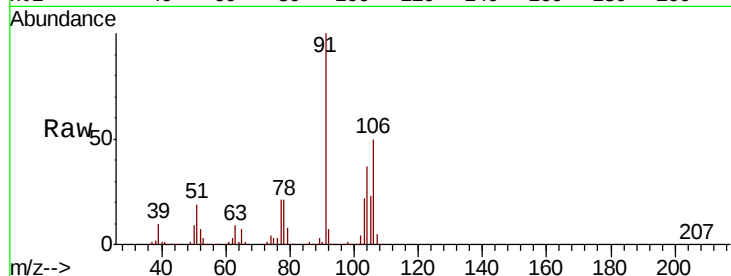




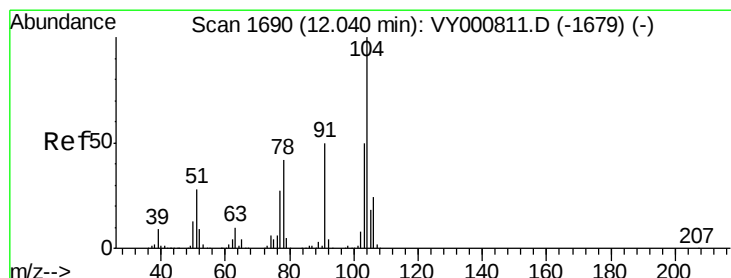
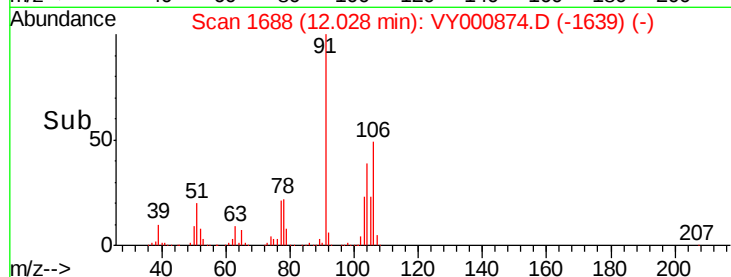
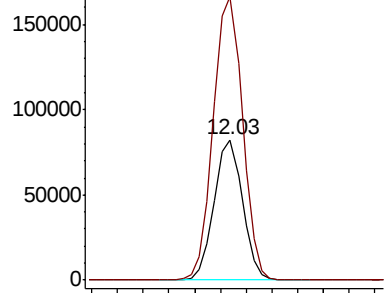
#69
o-Xylene
Concen: 20.534 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VY000874.D
Acq: 05 Dec 2019 11:57

Instrument :
MSVOA_Y
ClientSampleId :
VY1205SBS01

Tot Ion:106 Resp: 125228
Ion Ratio Lower Upper
106 100
91 208.4 106.1 318.1

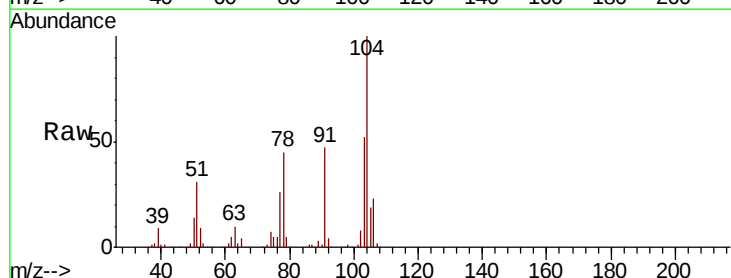


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VY0

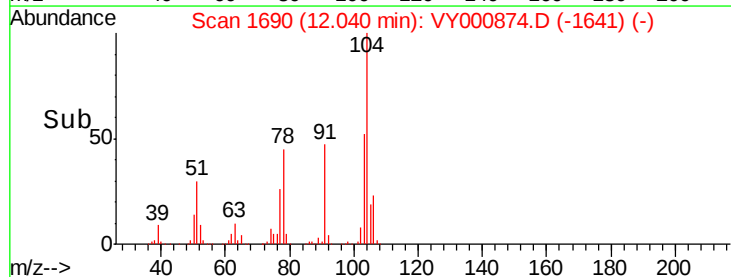
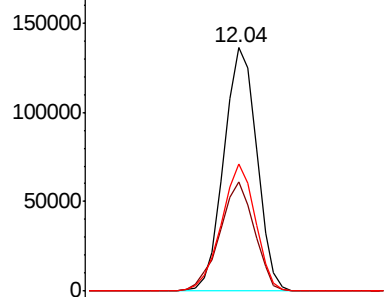


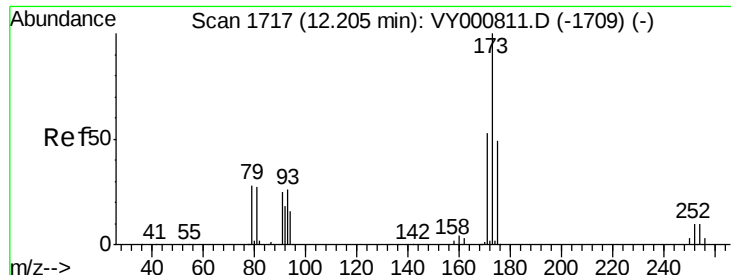
#70
Styrene
Concen: 20.550 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. -0.00 min
Lab File: VY000874.D
Acq: 05 Dec 2019 11:57

Tgt Ion:104 Resp: 214599
Ion Ratio Lower Upper
104 100
78 47.4 38.2 57.4
103 53.8 43.4 65.0



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





#71

Bromoform

Concen: 19.245 ug/l

RT: 12.20 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VY000874.D

Acq: 05 Dec 2019 11:57

Instrument :

MSVOA_Y

ClientSampleId :

VY1205SBS01

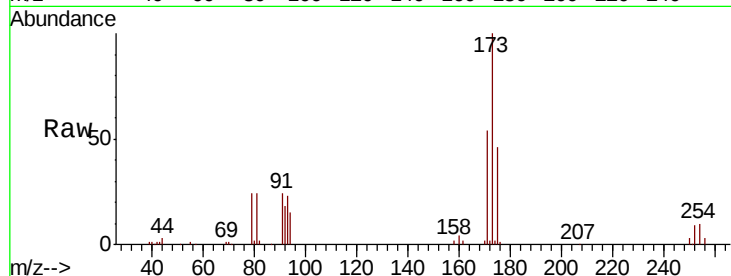
Tot Ion:173 Resp: 34227

Ion Ratio Lower Upper

173 100

175 49.5 24.5 73.5

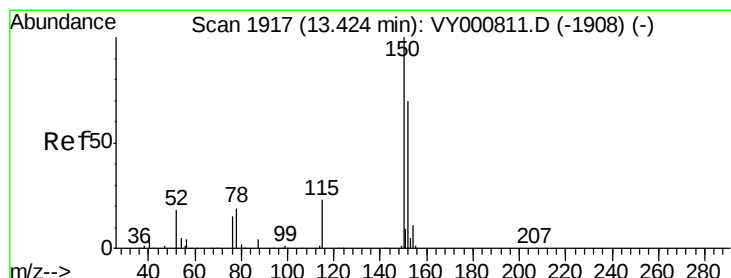
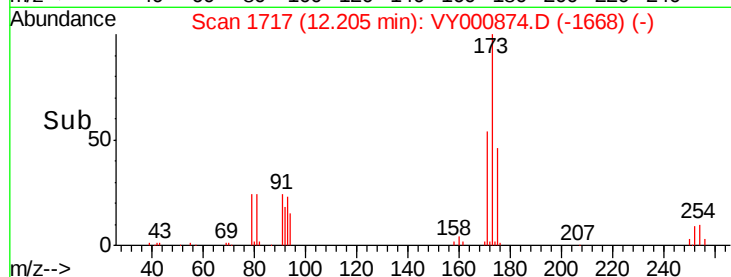
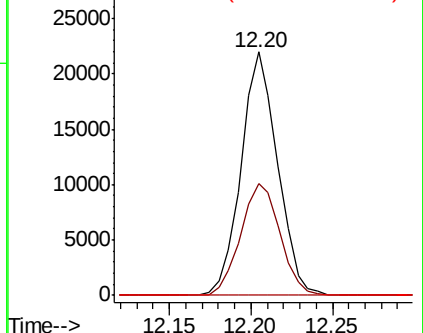
254 0.0 0.0 0.0



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: VY000874.D

Acq: 05 Dec 2019 11:57

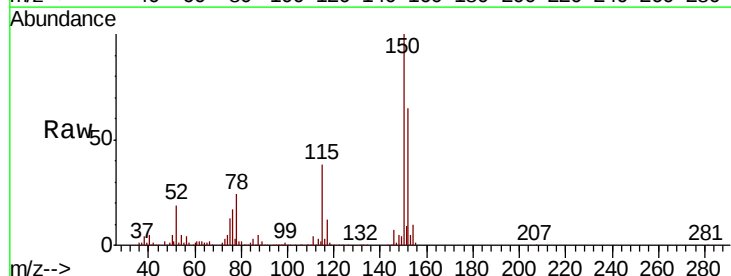
Tgt Ion:152 Resp: 211389

Ion Ratio Lower Upper

152 100

115 59.5 29.3 87.8

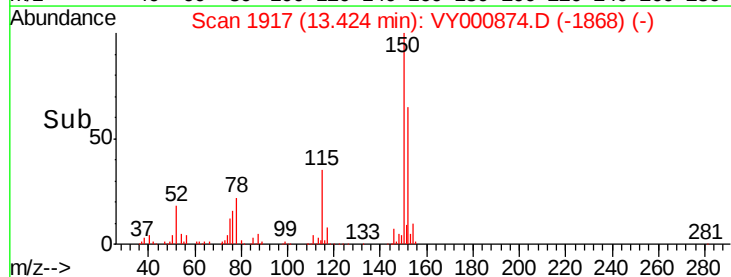
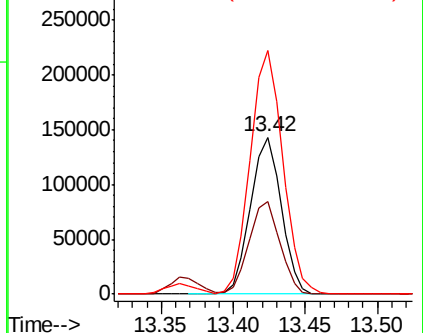
150 164.7 0.0 351.2

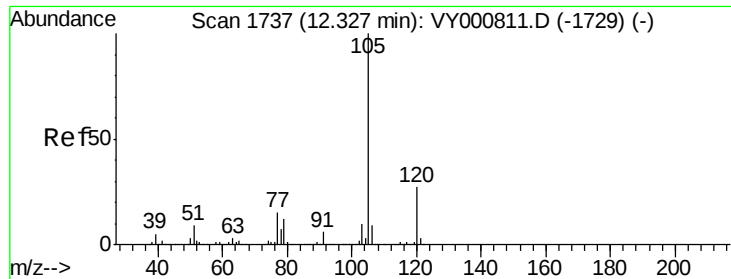


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.174 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. -0.00 min

Lab File: VY000874.D

Acq: 05 Dec 2019 11:57

Instrument :

MSVOA_Y

ClientSampleId :

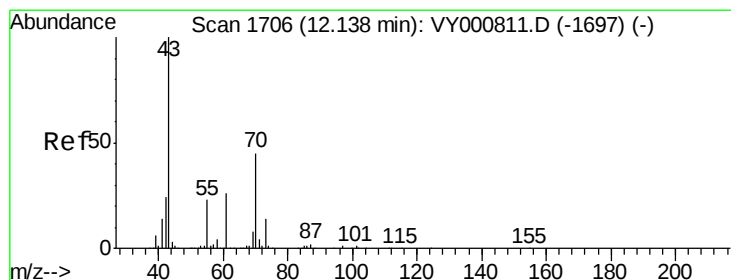
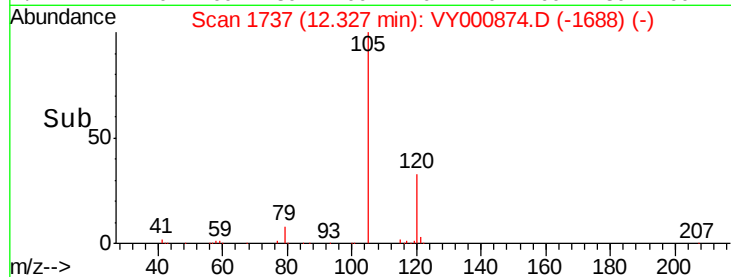
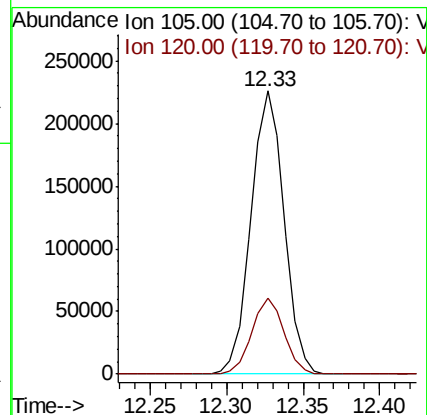
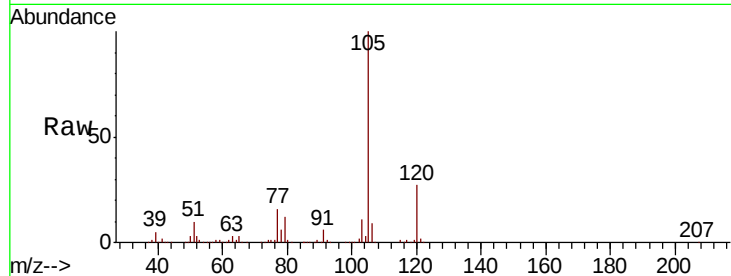
VY1205SBS01

Tot Ion:105 Resp: 339559

Ion Ratio Lower Upper

105 100

120 26.2 13.4 40.2



#74

N-ethyl acetate

Concen: 18.758 ug/l

RT: 12.14 min Scan# 1706

Delta R.T. -0.00 min

Lab File: VY000874.D

Acq: 05 Dec 2019 11:57

Tgt Ion: 43 Resp: 87879

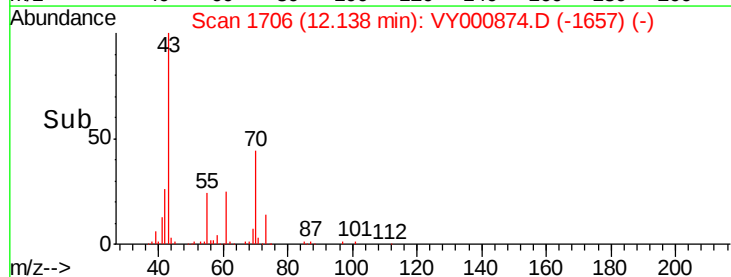
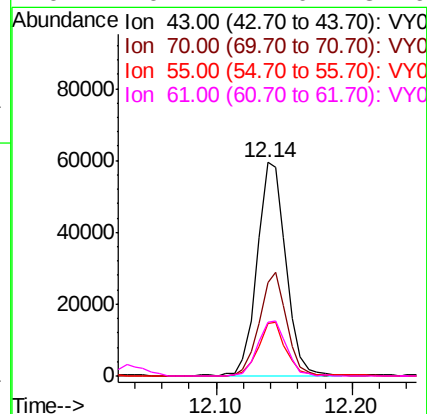
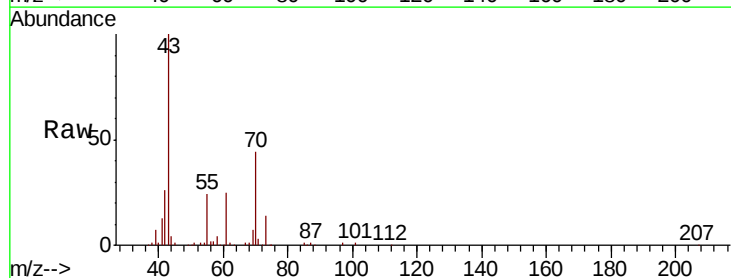
Ion Ratio Lower Upper

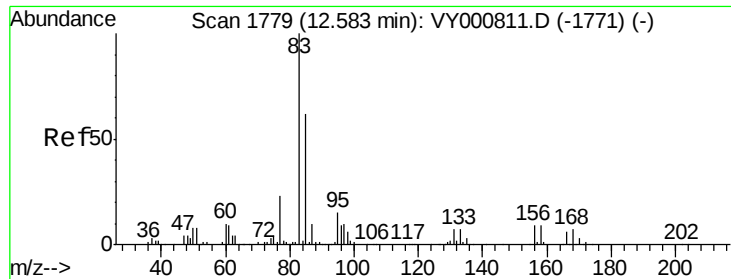
43 100

70 46.1 36.6 54.8

55 24.4 18.8 28.2

61 26.1 21.0 31.6





#75

1,1,2,2-Tetrachloroethane

Concen: 18.813 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VY000874.D

Acq: 05 Dec 2019 11:57

Instrument :

MSVOA_Y

ClientSampleId :

VY1205SBS01

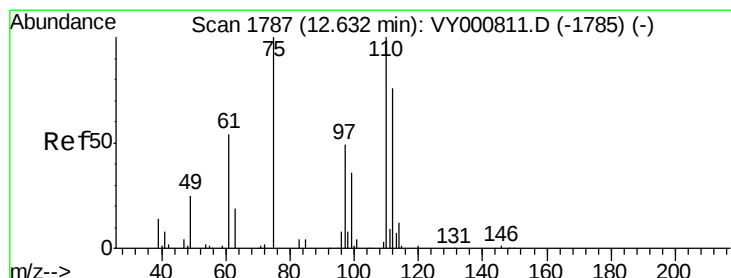
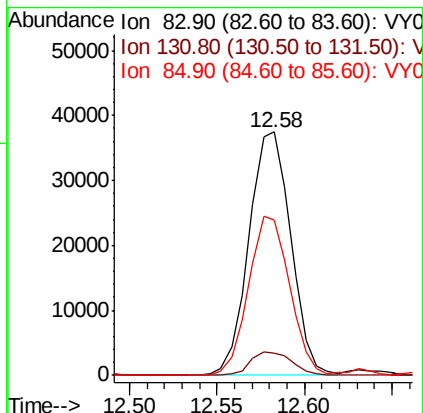
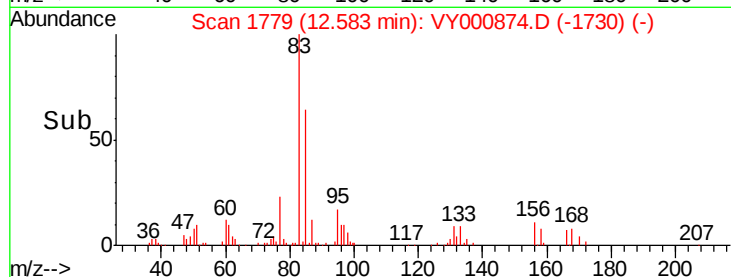
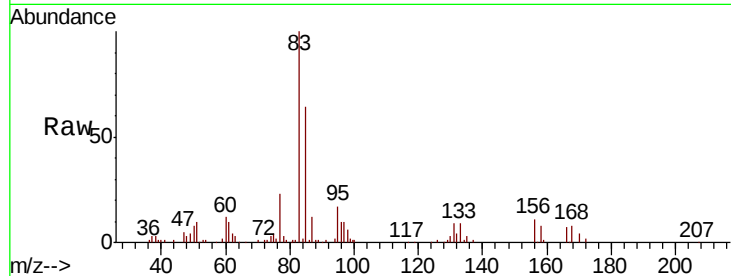
Tot Ion: 83 Resp: 62391

Ion Ratio Lower Upper

83 100

131 9.8 4.3 13.1

85 64.4 32.4 97.0



#76

1,2,3-Trichloropropane

Concen: 36.421 ug/l

RT: 12.63 min Scan# 1787

Delta R.T. -0.00 min

Lab File: VY000874.D

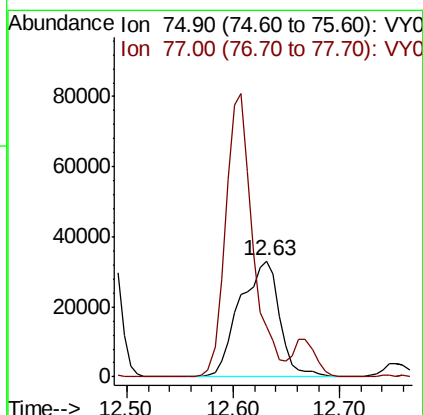
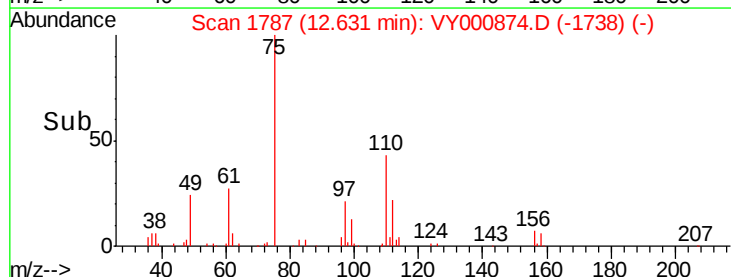
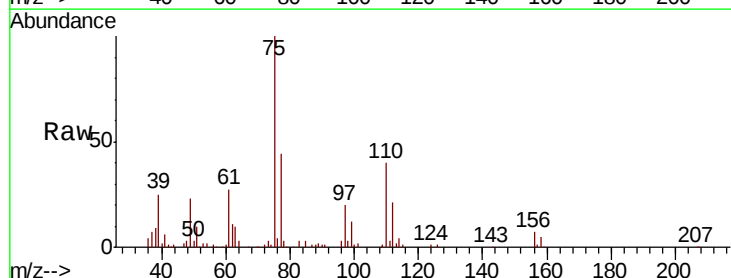
Acq: 05 Dec 2019 11:57

Tgt Ion: 75 Resp: 87228

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 20.511 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VY000874.D

Acq: 05 Dec 2019 11:57

Instrument :

MSVOA_Y

ClientSampleId :

VY1205SBS01

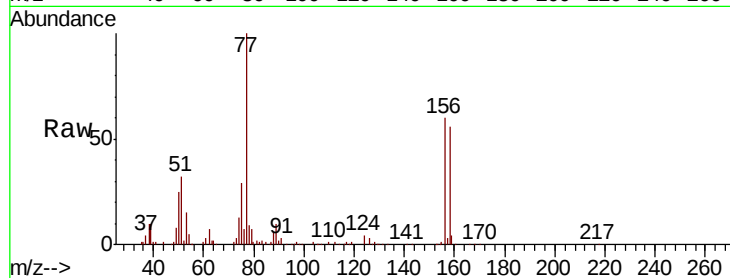
Tot Ion:156 Resp: 74834

Ion Ratio Lower Upper

156 100

77 195.8 102.6 307.7

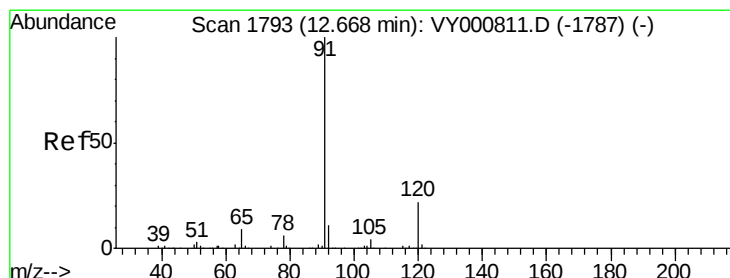
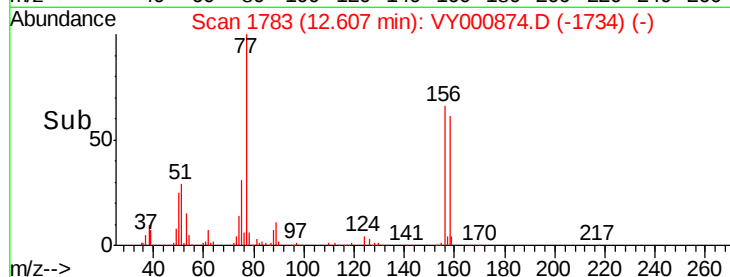
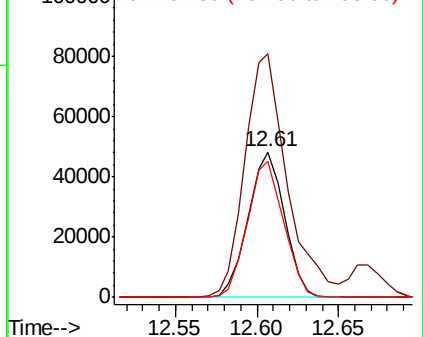
158 93.7 47.6 142.8



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: 20.034 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VY000874.D

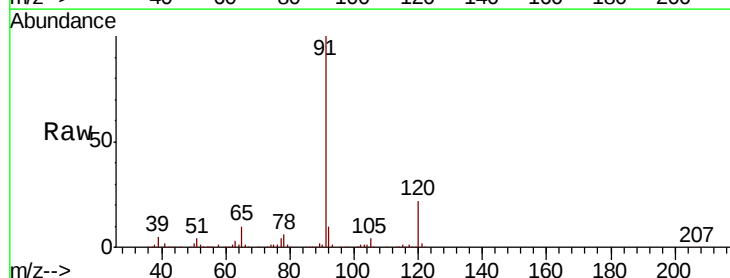
Acq: 05 Dec 2019 11:57

Tgt Ion: 91 Resp: 411727

Ion Ratio Lower Upper

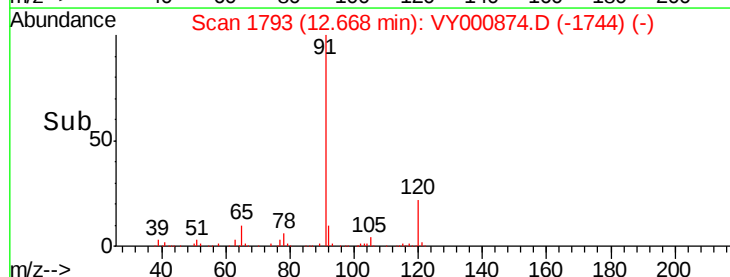
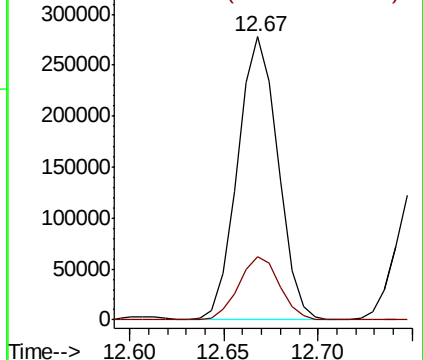
91 100

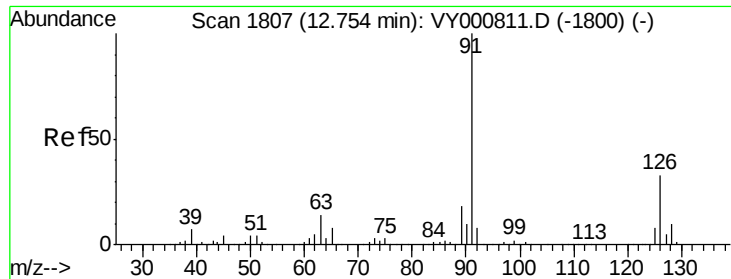
120 22.7 11.2 33.5



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.160 ug/l

RT: 12.75 min Scan# 1807

Delta R.T. -0.00 min

Lab File: VY000874.D

Acq: 05 Dec 2019 11:57

Instrument :

MSVOA_Y

ClientSampleId :

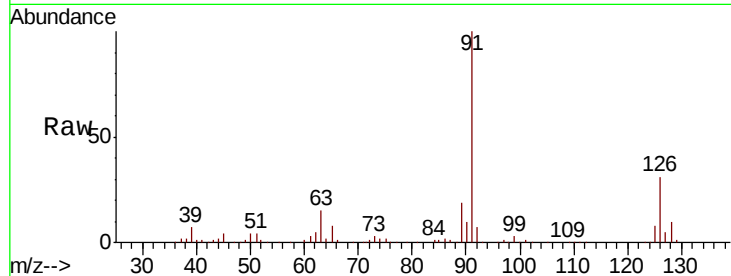
VY1205SBS01

Tot Ion: 91 Resp: 22889

Ion Ratio Lower Upper

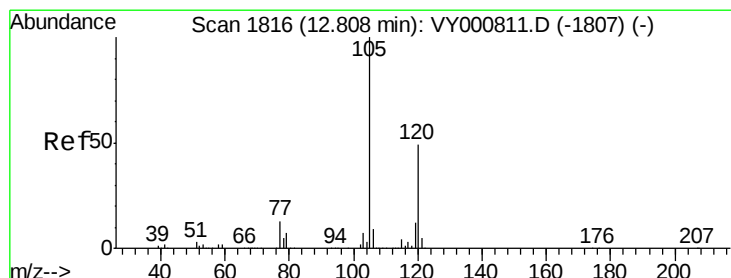
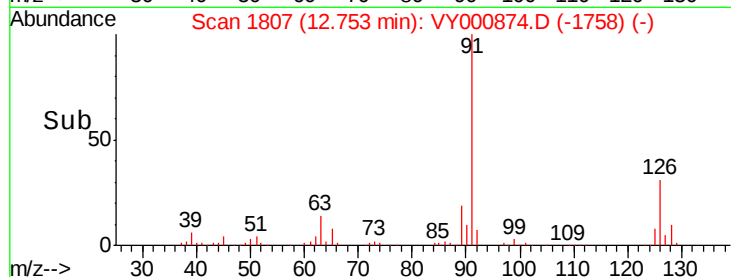
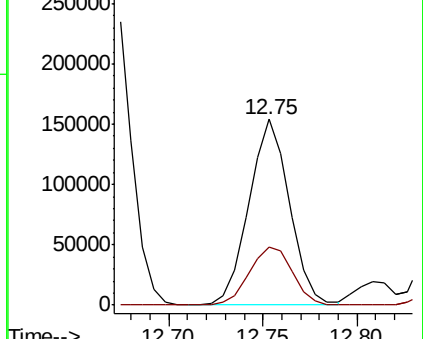
91 100

126 33.3 17.0 51.0



Abundance Ion 91.00 (90.70 to 91.70): VY000811.D (-1800) (-)

Ion 125.90 (125.60 to 126.60): VY000811.D (-1800) (-)



#80

1,3,5-Trimethylbenzene

Concen: 19.812 ug/l

RT: 12.81 min Scan# 1816

Delta R.T. -0.00 min

Lab File: VY000874.D

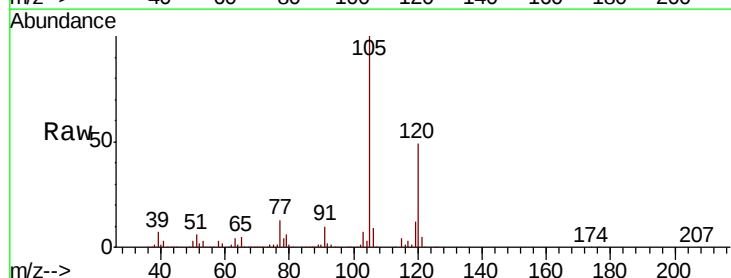
Acq: 05 Dec 2019 11:57

Tgt Ion: 105 Resp: 276100

Ion Ratio Lower Upper

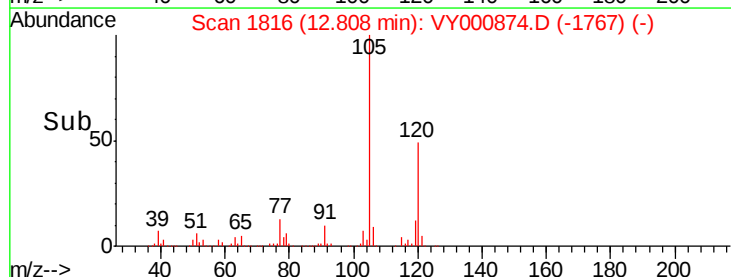
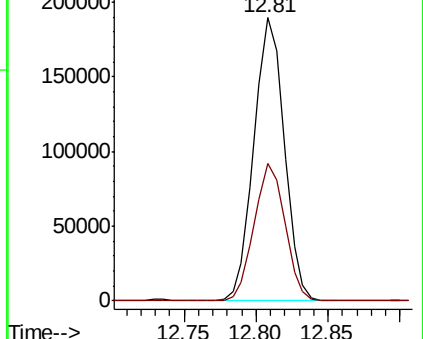
105 100

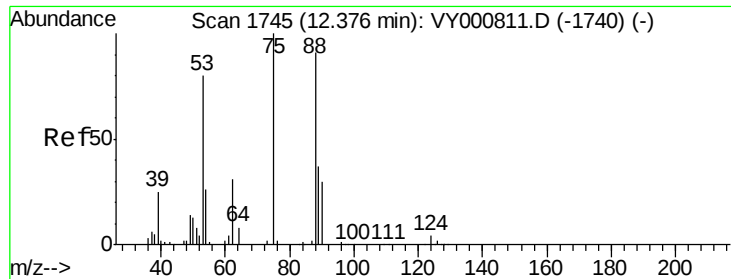
120 49.3 24.6 74.0



Abundance Ion 105.00 (104.70 to 105.70): VY000811.D (-1807) (-)

Ion 120.00 (119.70 to 120.70): VY000811.D (-1807) (-)

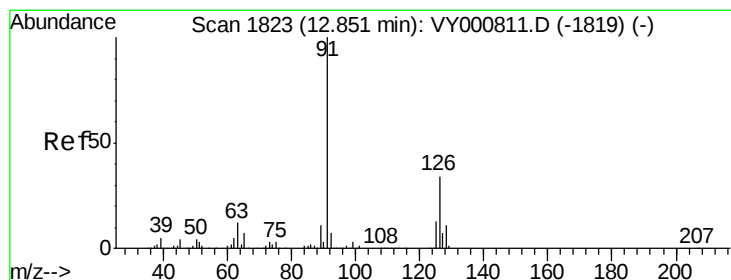
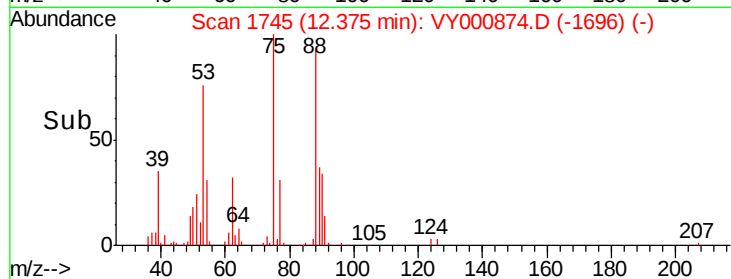
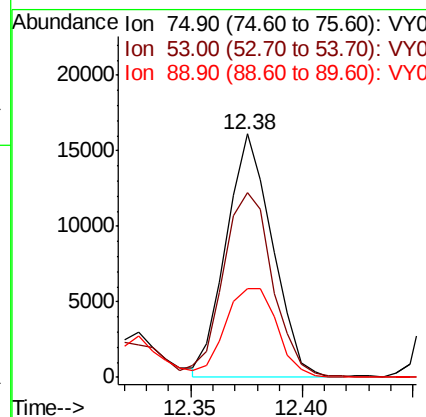
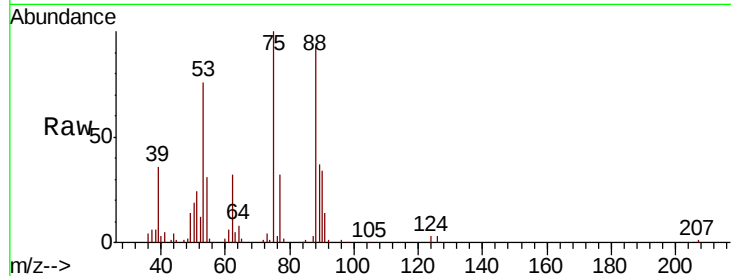




#81
trans-1,4-Dichloro-2-butene
Concen: 19.097 ug/l
RT: 12.38 min Scan# 1745
Delta R.T. -0.00 min
Lab File: VY000874.D
Acq: 05 Dec 2019 11:57

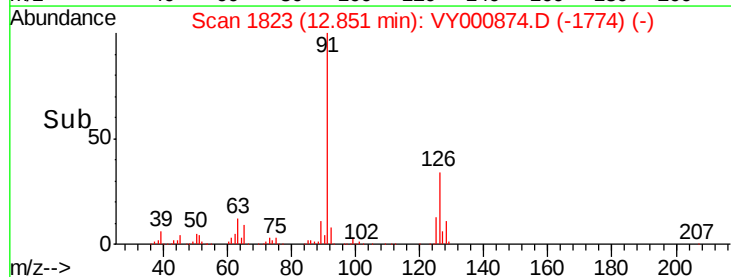
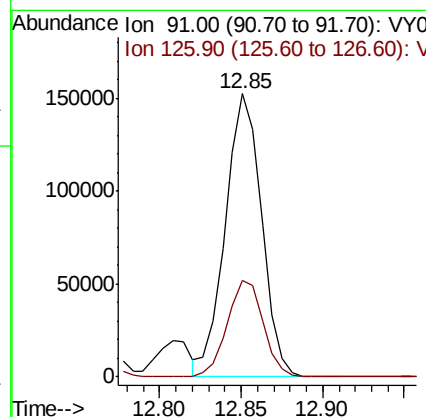
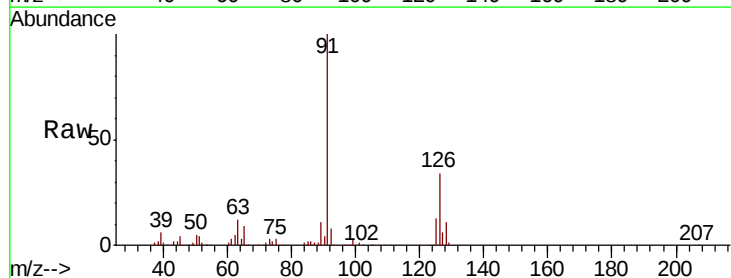
Instrument :
MSVOA_Y
ClientSampleId :
VY1205SBSD01

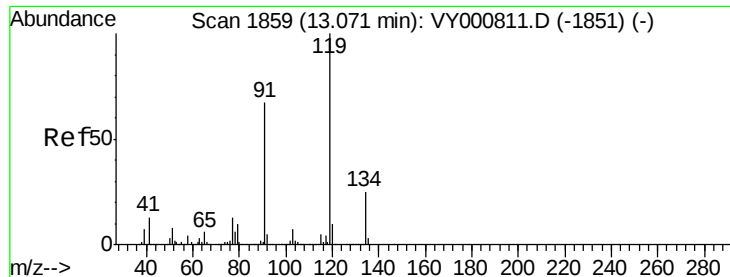
Tot Ion: 75 Resp: 23285
Ion Ratio Lower Upper
75 100
53 81.7 64.6 96.8
89 41.1 33.6 50.4



#82
4-Chlorotoluene
Concen: 20.155 ug/l
RT: 12.85 min Scan# 1823
Delta R.T. -0.00 min
Lab File: VY000874.D
Acq: 05 Dec 2019 11:57

Tgt Ion: 91 Resp: 235756
Ion Ratio Lower Upper
91 100
126 34.1 17.3 51.9





#83

tert-Butylbenzene

Concen: 20.447 ug/l

RT: 13.07 min Scan# 1859

Delta R.T. -0.00 min

Lab File: VY000874.D

Acq: 05 Dec 2019 11:57

Instrument :

MSVOA_Y

ClientSampleId :

VY1205SBS01

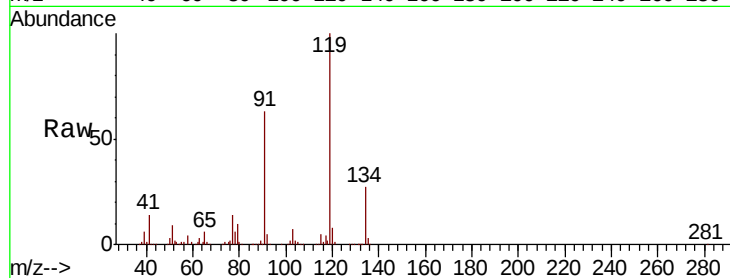
Tot Ion:119 Resp: 239565

Ion Ratio Lower Upper

119 100

91 62.8 32.3 96.8

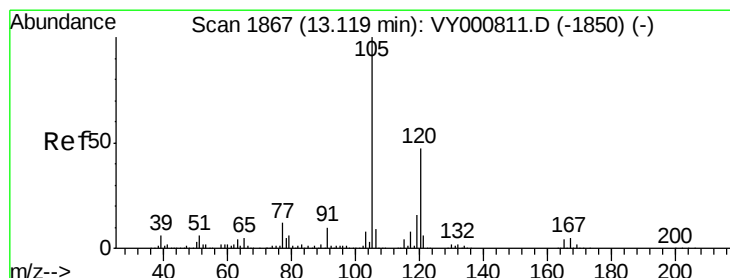
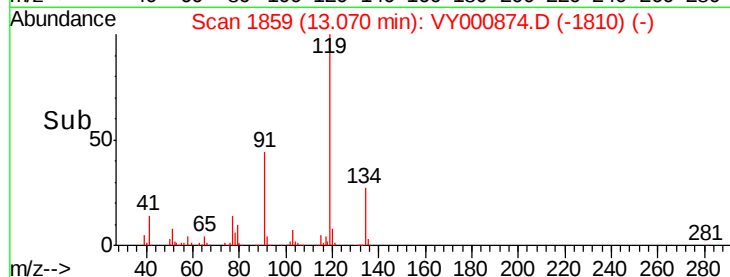
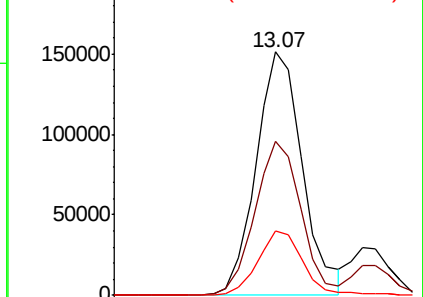
134 25.9 12.9 38.7



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VY0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 19.969 ug/l

RT: 13.12 min Scan# 1867

Delta R.T. -0.00 min

Lab File: VY000874.D

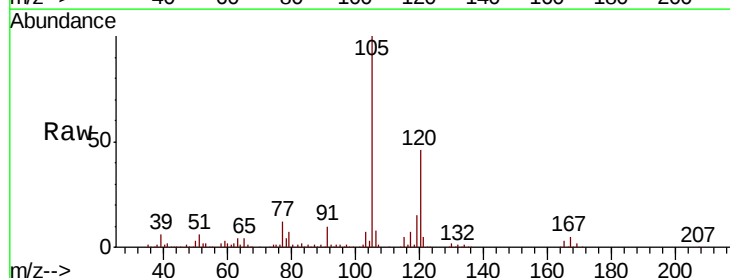
Acq: 05 Dec 2019 11:57

Tgt Ion:105 Resp: 278412

Ion Ratio Lower Upper

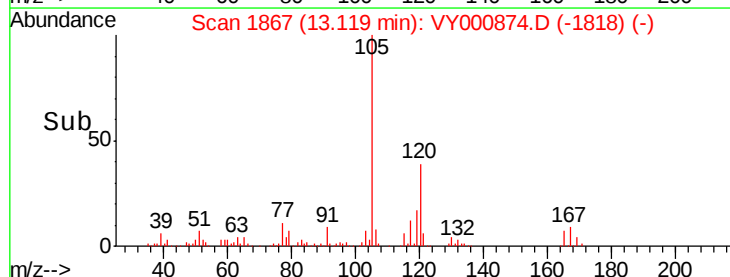
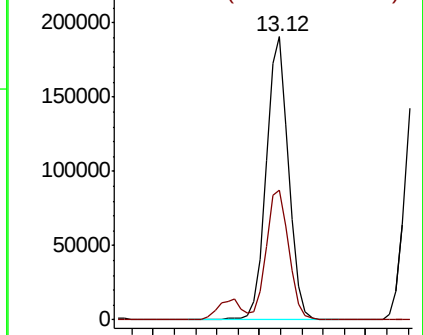
105 100

120 46.9 22.6 67.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 19.795 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VY000874.D

Acq: 05 Dec 2019 11:57

Instrument :

MSVOA_Y

ClientSampleId :

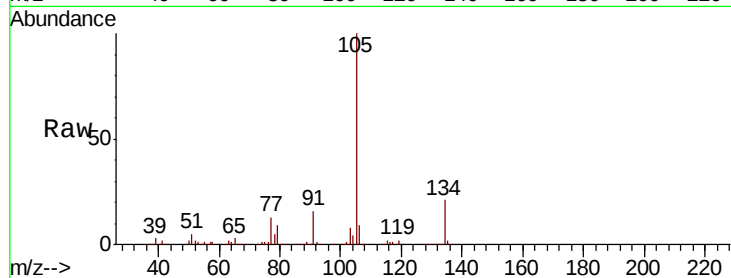
VY1205SBS01

Tot Ion:105 Resp: 337312

Ion Ratio Lower Upper

105 100

134 19.8 10.1 30.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

250000

200000

150000

100000

50000

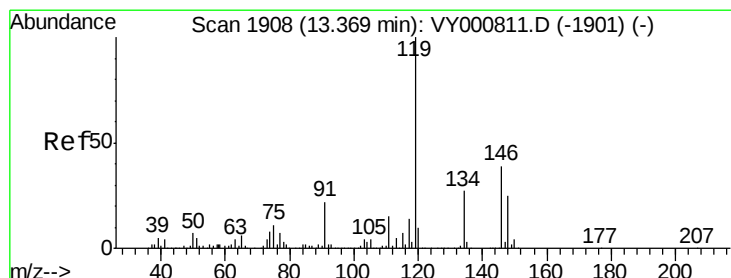
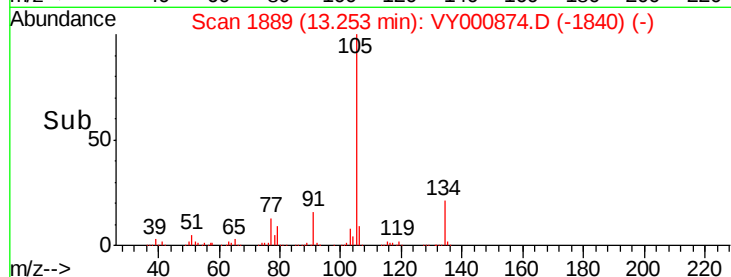
0

13.20

13.25

13.30

Time-->



#86

p-Isopropyltoluene

Concen: 19.989 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. -0.00 min

Lab File: VY000874.D

Acq: 05 Dec 2019 11:57

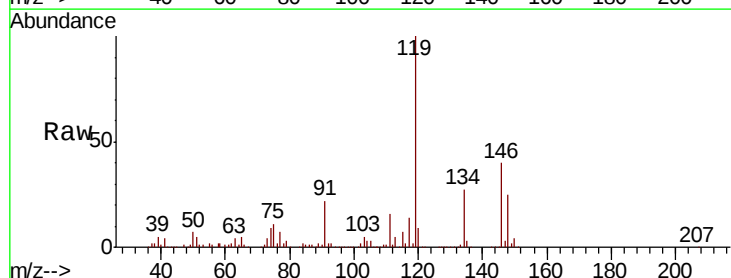
Tgt Ion:119 Resp: 296256

Ion Ratio Lower Upper

119 100

134 26.6 13.5 40.4

91 23.3 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

250000

200000

150000

100000

50000

0

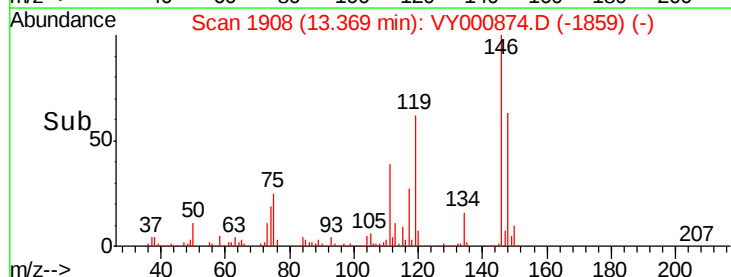
13.30

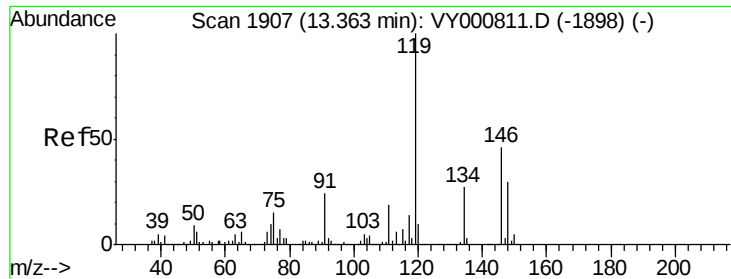
13.35

13.40

13.45

Time-->

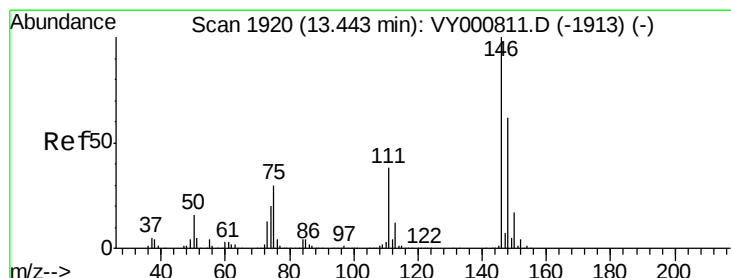
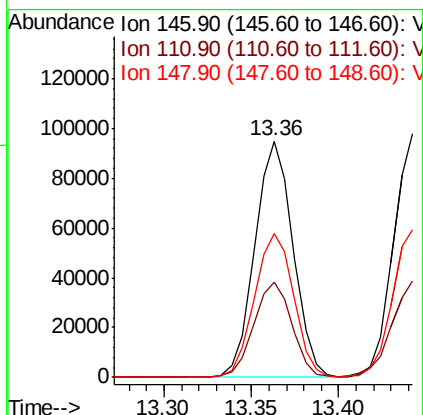
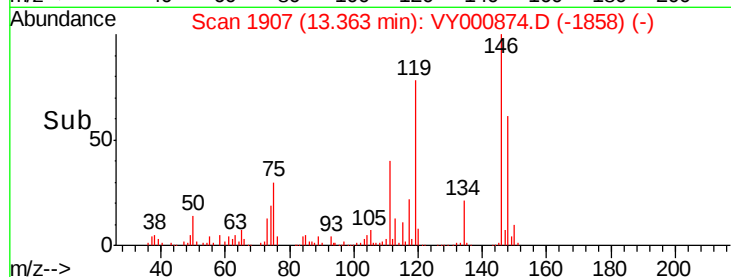
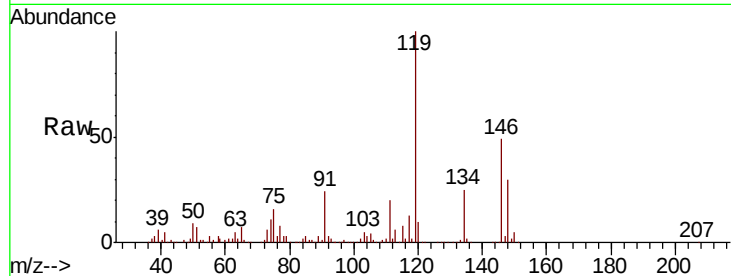




#87
 1,3-Dichlorobenzene
 Concen: 20.229 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. -0.00 min
 Lab File: VY000874.D
 Acq: 05 Dec 2019 11:57

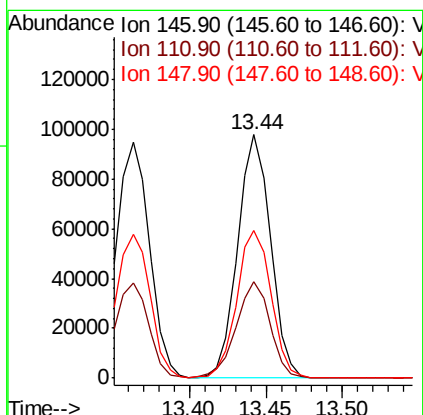
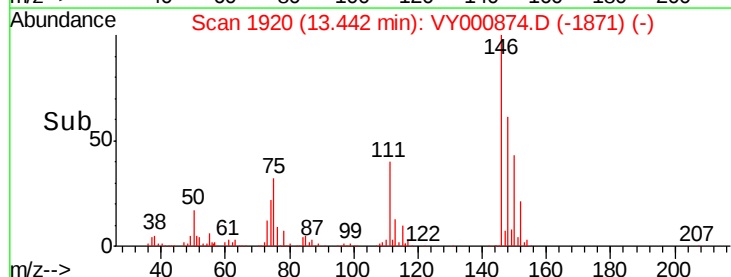
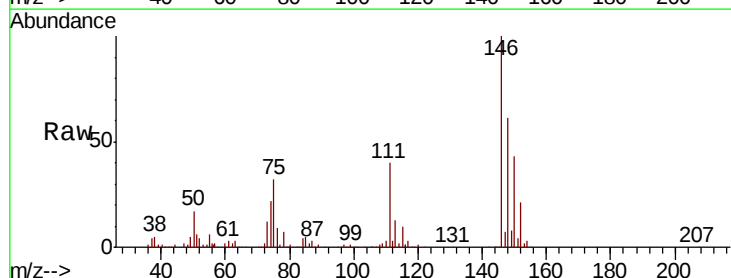
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1205SBS01

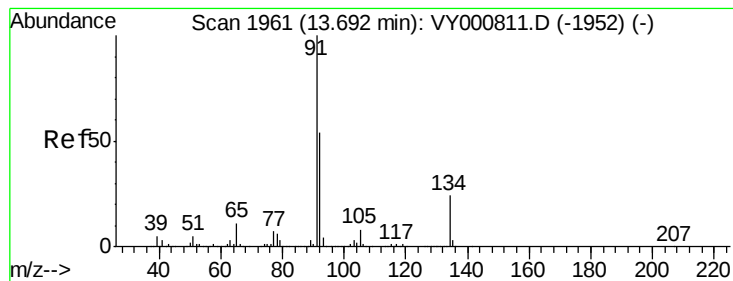
Tot Ion:146 Resp: 144782
 Ion Ratio Lower Upper
 146 100
 111 40.2 20.0 60.0
 148 62.6 32.1 96.5



#88
 1,4-Dichlorobenzene
 Concen: 20.597 ug/l
 RT: 13.44 min Scan# 1920
 Delta R.T. -0.00 min
 Lab File: VY000874.D
 Acq: 05 Dec 2019 11:57

Tgt Ion:146 Resp: 145966
 Ion Ratio Lower Upper
 146 100
 111 41.1 20.0 59.9
 148 63.1 31.7 95.1





#89

n-Butylbenzene

Concen: 20.316 ug/l

RT: 13.69 min Scan# 1961

Delta R.T. -0.00 min

Lab File: VY000874.D

Acq: 05 Dec 2019 11:57

Instrument :

MSVOA_Y

ClientSampleId :

VY1205SBS01

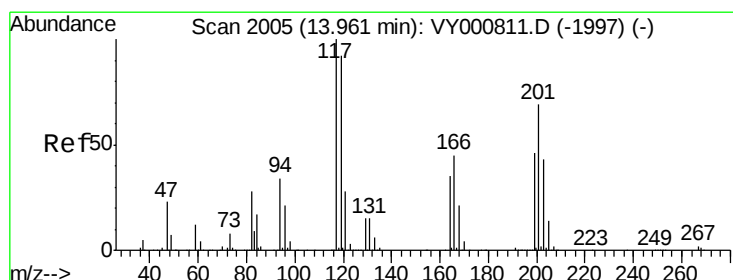
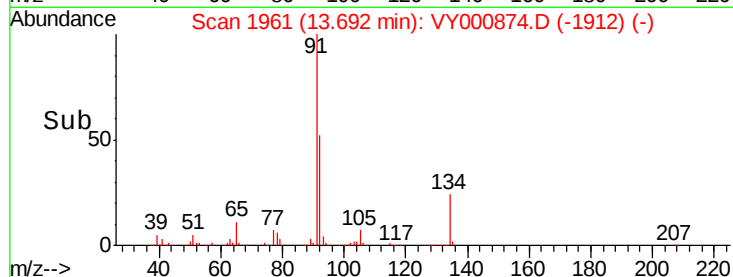
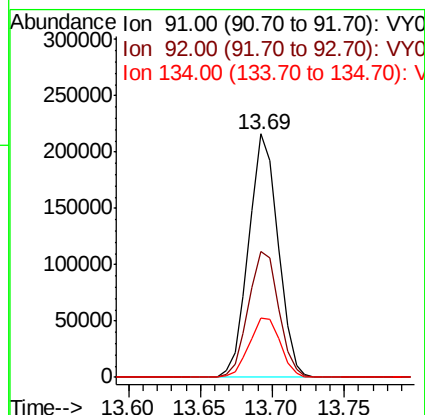
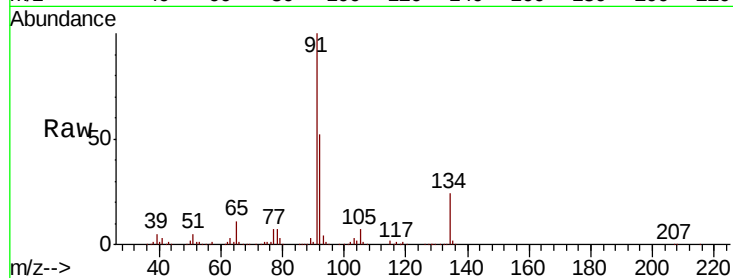
Tot Ion: 91 Resp: 304436

Ion Ratio Lower Upper

91 100

92 53.3 26.9 80.7

134 25.5 12.6 37.6



#90

Hexachloroethane

Concen: 20.116 ug/l

RT: 13.96 min Scan# 2005

Delta R.T. -0.00 min

Lab File: VY000874.D

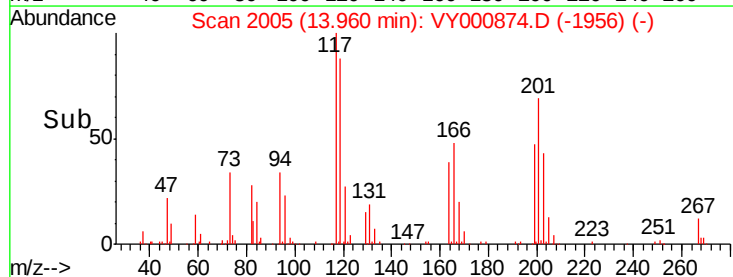
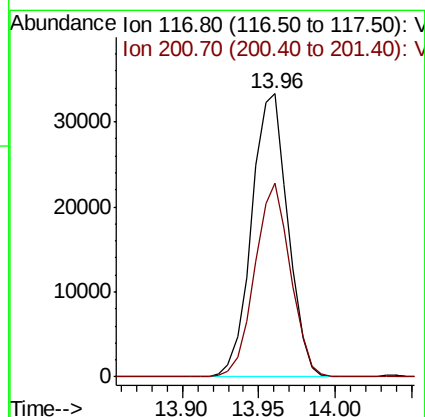
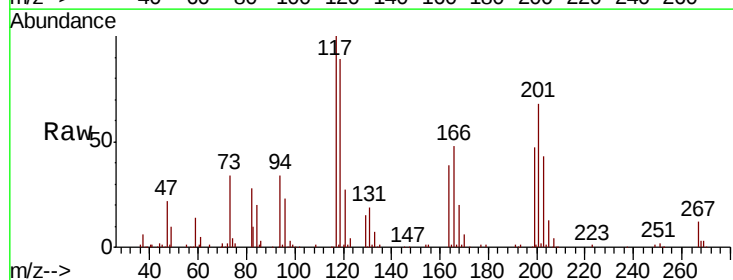
Acq: 05 Dec 2019 11:57

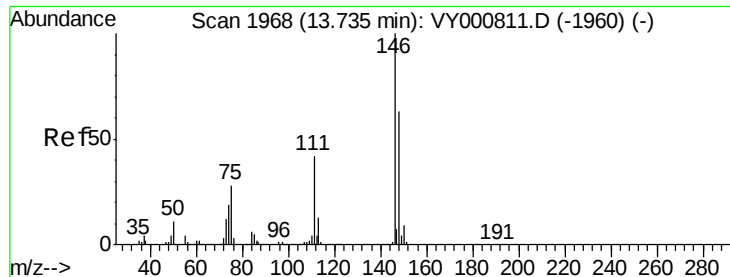
Tgt Ion: 117 Resp: 54922

Ion Ratio Lower Upper

117 100

201 67.2 34.0 102.0





#91

1,2-Dichlorobenzene

Concen: 20.478 ug/l

RT: 13.73 min Scan# 1968

Delta R.T. -0.00 min

Lab File: VY000874.D

Acq: 05 Dec 2019 11:57

Instrument :

MSVOA_Y

ClientSampleId :

VY1205SBS01

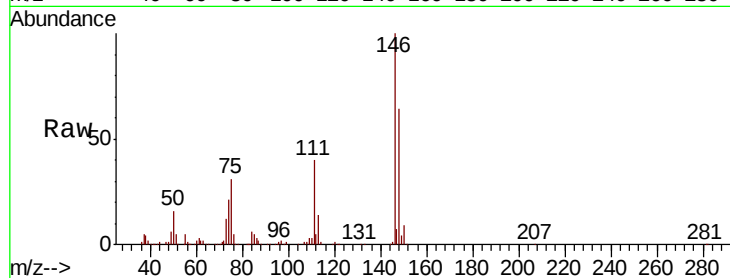
Tot Ion:146 Resp: 131833

Ion Ratio Lower Upper

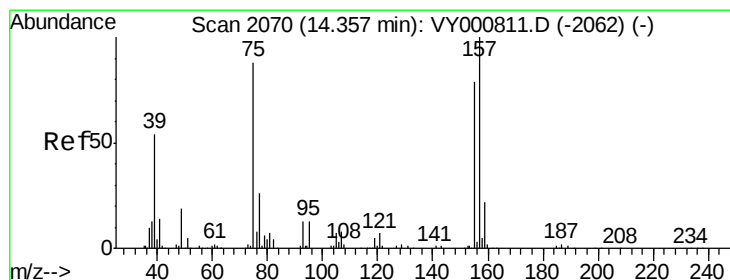
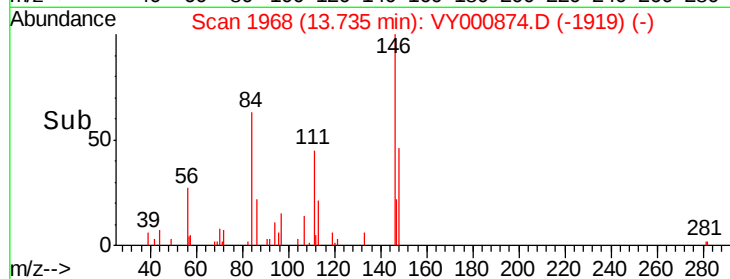
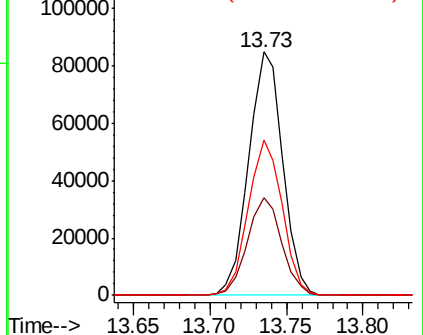
146 100

111 40.3 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: 20.025 ug/l

RT: 14.36 min Scan# 2070

Delta R.T. -0.00 min

Lab File: VY000874.D

Acq: 05 Dec 2019 11:57

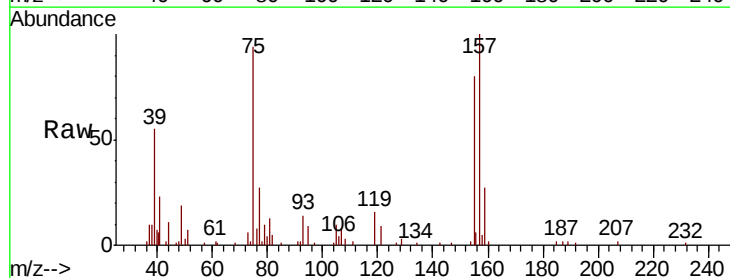
Tgt Ion: 75 Resp: 11118

Ion Ratio Lower Upper

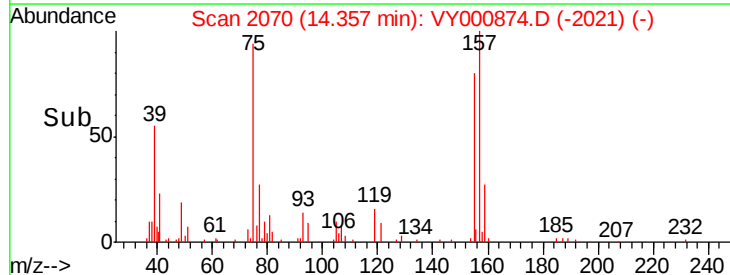
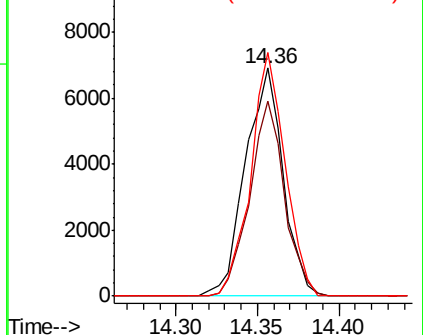
75 100

155 79.2 44.3 132.9

157 97.3 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

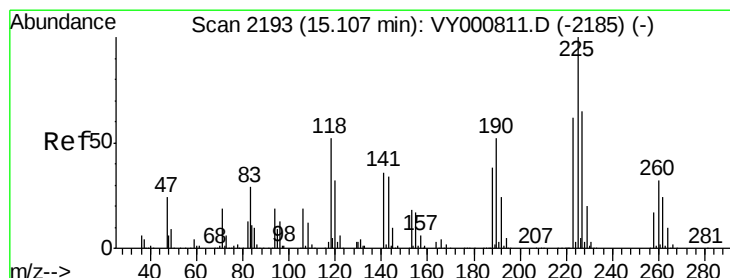
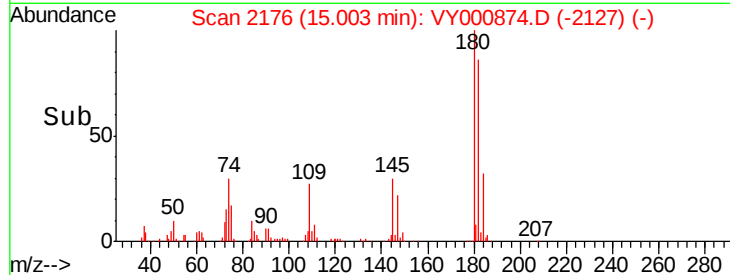
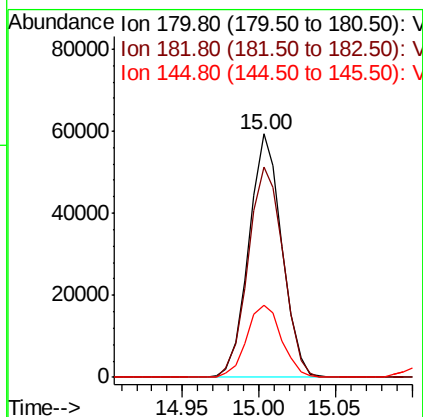
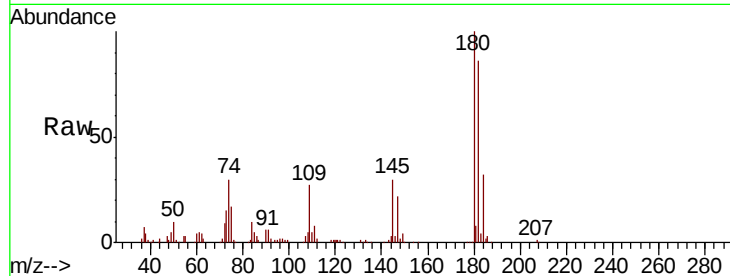




#93
 1,2,4-Trichlorobenzene
 Concen: 20.404 ug/l
 RT: 15.00 min Scan# 2176
 Delta R.T. -0.00 min
 Lab File: VY000874.D
 Acq: 05 Dec 2019 11:57

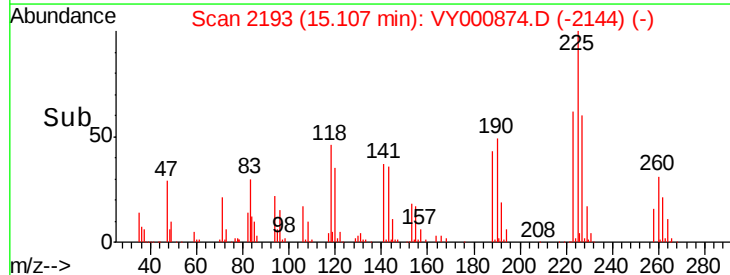
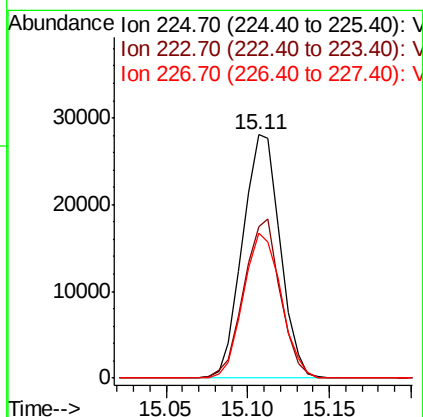
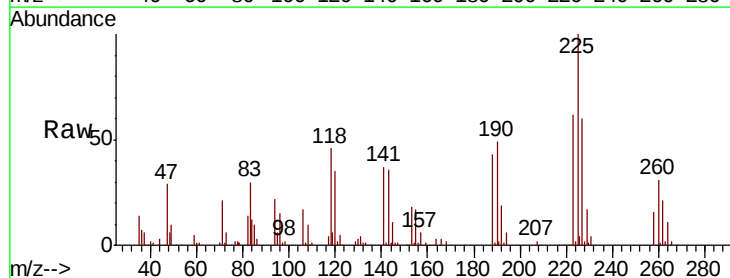
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1205SBS01

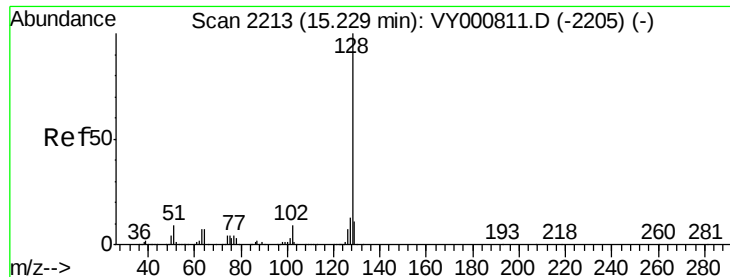
Tot Ion	Ratio	Lower	Upper
180	100		
182	91.8	47.3	141.9
145	31.6	16.0	47.9



#94
 Hexachlorobutadiene
 Concen: 20.860 ug/l
 RT: 15.11 min Scan# 2193
 Delta R.T. -0.00 min
 Lab File: VY000874.D
 Acq: 05 Dec 2019 11:57

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.2	31.4	94.3
227	60.0	31.8	95.3

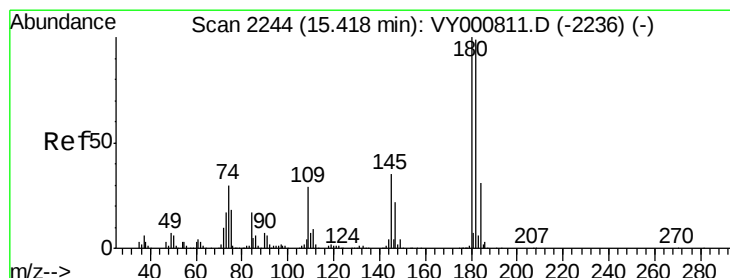
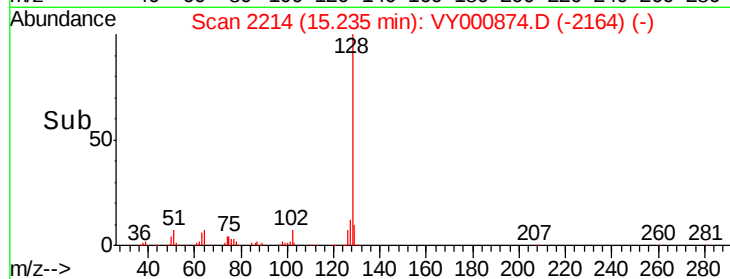
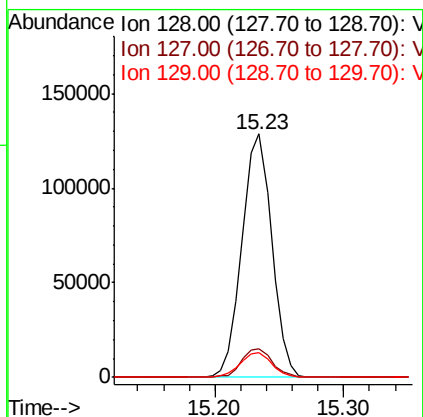
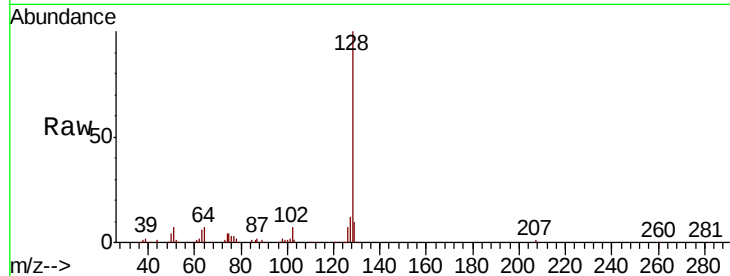




#95
Naphthalene
Concen: 20.342 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. 0.01 min
Lab File: VY000874.D
Acq: 05 Dec 2019 11:57

Instrument :
MSVOA_Y
ClientSampleId :
VY1205SBS01

Tot Ion:128 Resp: 205764
Ion Ratio Lower Upper
128 100
127 12.2 10.1 15.1
129 10.7 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 20.283 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. 0.01 min
Lab File: VY000874.D
Acq: 05 Dec 2019 11:57

Tgt Ion:180 Resp: 78922
Ion Ratio Lower Upper
180 100
182 93.9 48.0 144.0
145 32.6 16.9 50.6

