

Data File : VY000855.D
Acq On : 04 Dec 2019 12:05
Operator : SY/MD
Sample : VY1204SBSD01
Misc : 5.00G/5ML/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY1204SBSD01

Quant Time: Dec 05 07:52:32 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	323053	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	562626	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	509862	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	241150	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.15	65	177996	51.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.70%	
35) Dibromofluoromethane	7.73	113	163390	49.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.66%	
50) Toluene-d8	10.18	98	687793	52.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.94%	
62) 4-Bromofluorobenzene	12.48	95	238119	48.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.74%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.90	85	66444	19.106	ug/l	98
3) Chloromethane	2.11	50	83086	19.382	ug/l	96
4) Vinyl Chloride	2.25	62	81043	19.183	ug/l	100
5) Bromomethane	2.63	94	50927	18.478	ug/l	99
6) Chloroethane	2.79	64	48968	18.905	ug/l	100
7) Trichlorofluoromethane	3.13	101	114049	19.698	ug/l	93
8) Diethyl Ether	3.53	74	42245	19.386	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.90	101	68844	19.255	ug/l	98
10) Methyl Iodide	4.10	142	81357	18.073	ug/l	99
11) Tert butyl alcohol	4.97	59	32201	93.240	ug/l #	89
12) 1,1-Dichloroethene	3.88	96	70192	19.816	ug/l	89
13) Acrolein	3.73	56	39318	115.573	ug/l	98
14) Allyl chloride	4.48	41	119401	19.659	ug/l	100
15) Acrylonitrile	5.18	53	113416	100.791	ug/l	99
16) Acetone	3.95	43	78735	99.986	ug/l	94
17) Carbon Disulfide	4.19	76	222703	19.440	ug/l	97
18) Methyl Acetate	4.49	43	69523	21.115	ug/l	100
19) Methyl tert-butyl Ether	5.22	73	188560	19.933	ug/l	99
20) Methylene Chloride	4.72	84	84413	20.336	ug/l	98
21) trans-1,2-Dichloroethene	5.23	96	76646	19.038	ug/l	99
22) Diisopropyl ether	6.13	45	249893	20.019	ug/l	96
23) Vinyl Acetate	6.07	43	769739	101.431	ug/l	98
24) 1,1-Dichloroethane	6.02	63	134865	19.602	ug/l	99
25) 2-Butanone	7.00	43	144928	99.631	ug/l	97
26) 2,2-Dichloropropane	6.99	77	109638	18.934	ug/l	99
27) cis-1,2-Dichloroethene	6.99	96	87676	20.147	ug/l	97
28) Bromochloromethane	7.35	49	31893	14.149	ug/l	95
29) Tetrahydrofuran	7.36	42	101161	104.947	ug/l	98
30) Chloroform	7.52	83	128809	18.663	ug/l	96
31) Cyclohexane	7.79	56	138623	19.020	ug/l	97
32) 1,1,1-Trichloroethane	7.71	97	108728	19.078	ug/l	99
36) 1,1-Dichloropropene	7.92	75	106738	19.080	ug/l	99
37) Ethyl Acetate	7.08	43	65833	20.381	ug/l #	94
38) Carbon Tetrachloride	7.91	117	97791	19.629	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	141542	19.097	ug/l	98
40) Benzene	8.17	78	321041	19.702	ug/l	97
41) Methacrylonitrile	7.35	41	87285	51.270	ug/l #	32
42) 1,2-Dichloroethane	8.24	62	84517	19.722	ug/l	98
43) Isopropyl Acetate	8.28	43	115766	19.018	ug/l	99
44) Trichloroethene	8.94	130	83958	20.048	ug/l	88
45) 1,2-Dichloropropane	9.22	63	81353	19.876	ug/l	100
46) Dibromomethane	9.31	93	43421	20.304	ug/l	97
47) Bromodichloromethane	9.50	83	97808	19.469	ug/l	99
48) Methyl methacrylate	9.29	41	53764	20.086	ug/l	97
49) 1,4-Dioxane	9.30	88	12170	401.627	ug/l #	91
51) 4-Methyl-2-Pentanone	10.07	43	319250	101.507	ug/l	97
52) Toluene	10.24	92	199764	19.800	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	106065	19.651	ug/l	98
54) cis-1,3-Dichloropropene	9.93	75	126297	19.797	ug/l	95
55) 1,1,2-Trichloroethane	10.64	97	62630	19.822	ug/l	96
56) Ethyl methacrylate	10.51	69	90215	19.960	ug/l	98
57) 1,3-Dichloropropane	10.79	76	113231	20.562	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.78	63	188163	103.246	ug/l	100
59) 2-Hexanone	10.83	43	221842	96.800	ug/l	100
60) Dibromochloromethane	10.98	129	65515	19.262	ug/l	100
61) 1,2-Dibromoethane	11.09	107	59248	19.897	ug/l	99
64) Tetrachloroethene	10.72	164	89046	20.102	ug/l	93
65) Chlorobenzene	11.52	112	207100	19.541	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.59	131	69192	19.373	ug/l	99
67) Ethyl Benzene	11.59	91	377961	19.149	ug/l	100
68) m/p-Xylenes	11.70	106	282827	38.176	ug/l	99
69) o-Xylene	12.03	106	136178	19.714	ug/l	98
70) Styrene	12.04	104	230654	19.501	ug/l	99
71) Bromoform	12.20	173	39396	19.557	ug/l #	97
73) Isopropylbenzene	12.33	105	358389	18.665	ug/l	99
74) N-amyl acetate	12.14	43	101872	19.062	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.58	83	70842	18.725	ug/l	98
76) 1,2,3-Trichloropropane	12.63	75	100976	36.958	ug/l #	100
77) Bromobenzene	12.61	156	77331	18.580	ug/l	94
78) n-propylbenzene	12.67	91	438265	18.694	ug/l	99
79) 2-Chlorotoluene	12.75	91	240784	18.590	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	301467	18.963	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	27617	19.855	ug/l	99
82) 4-Chlorotoluene	12.85	91	255197	19.125	ug/l	99
83) tert-Butylbenzene	13.07	119	252862	18.918	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	302942	19.046	ug/l	99
85) sec-Butylbenzene	13.25	105	372186	19.146	ug/l	98
86) p-Isopropyltoluene	13.37	119	326568	19.315	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	157782	19.325	ug/l	100
88) 1,4-Dichlorobenzene	13.44	146	160347	19.834	ug/l	99
89) n-Butylbenzene	13.69	91	326636	19.108	ug/l	99
90) Hexachloroethane	13.96	117	58369	18.741	ug/l	97
91) 1,2-Dichlorobenzene	13.73	146	141946	19.328	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.36	75	13934	21.999	ug/l	87

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY120419\
Quantitation Report (Not Reviewed)

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	98882	19.897	ug/l	100
94) Hexachlorobutadiene	15.11	225	49040	19.903	ug/l	98
95) Naphthalene	15.23	128	233529	20.238	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	88661	19.973	ug/l	98

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

Data File : VY000855.D

Acq On : 04 Dec 2019 12:05

Operator : SY/MD

Sample : VY1204SBSD01

Misc : 5.00G/5ML/MSVOA_Y/SOIL

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ALS Vial      : 5      Sample Multiplier: 1
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Instrument :
MSVOA_Y
ClientSampleId :
VY1204SBSD01

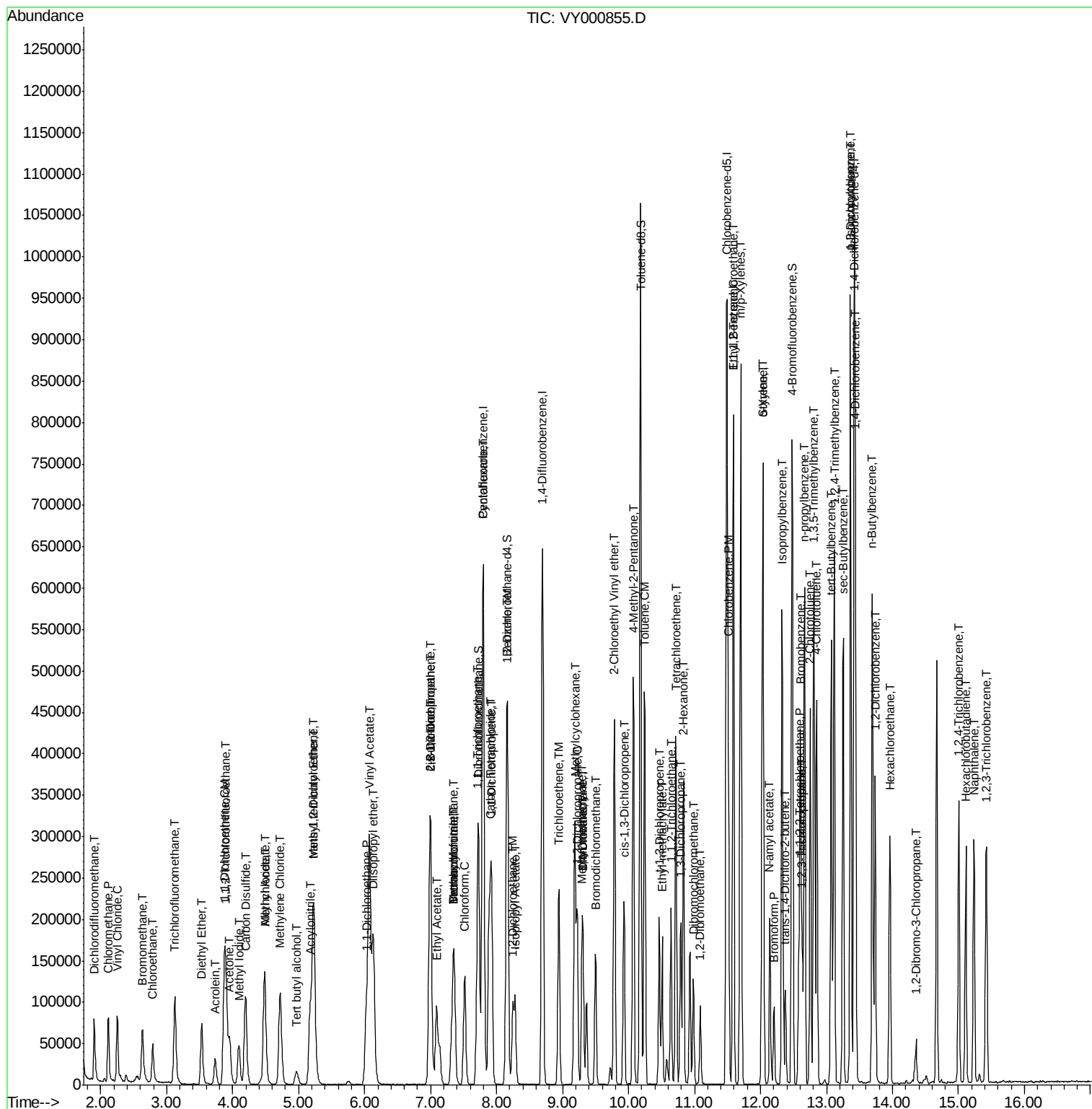
Quant Time: Dec 05 07:52:32 2019

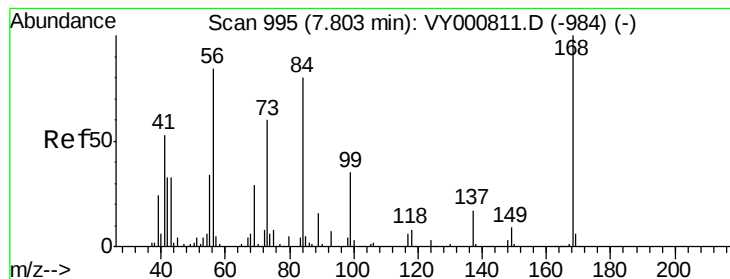
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Quant Title : SW846 8260

QLast Update : Wed Nov 27 12:40:47 2019

Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.01 min

Lab File: VY000855.D

Acq: 04 Dec 2019 12:05

Instrument :

MSVOA_Y

ClientSampleId :

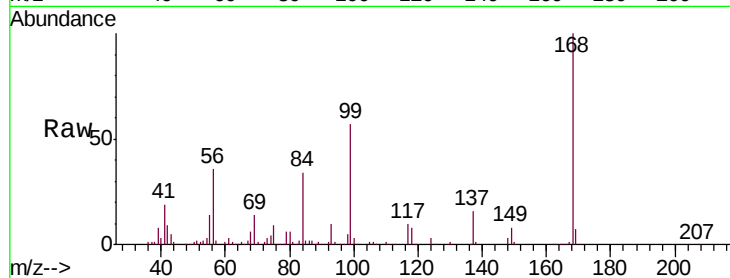
VY1204SBSD01

Tgt Ion:168 Resp: 323053

Ion Ratio Lower Upper

168 100

99 57.4 45.0 67.6



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

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

7.80

150000

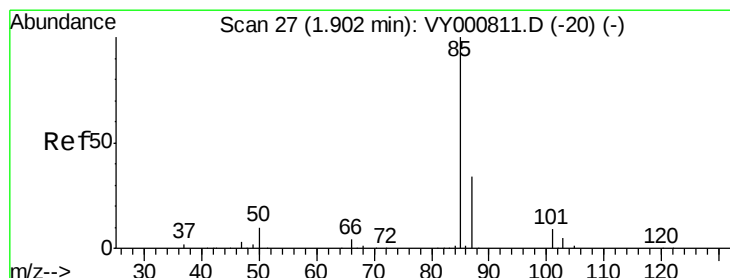
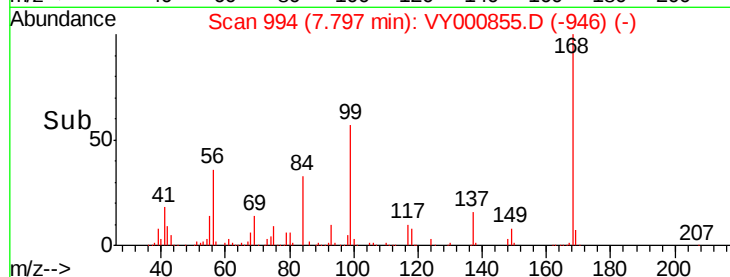
100000

50000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 19.106 ug/l

RT: 1.90 min Scan# 27

Delta R.T. -0.00 min

Lab File: VY000855.D

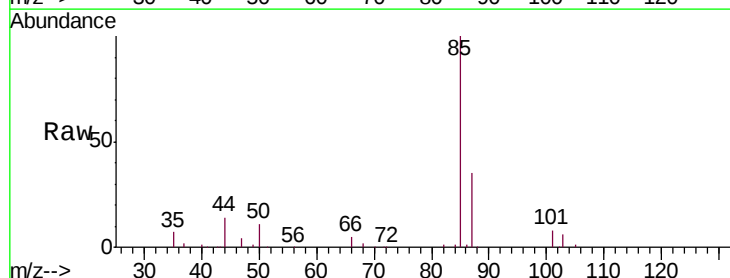
Acq: 04 Dec 2019 12:05

Tgt Ion: 85 Resp: 66444

Ion Ratio Lower Upper

85 100

87 34.7 16.8 50.3



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

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

1.90

40000

30000

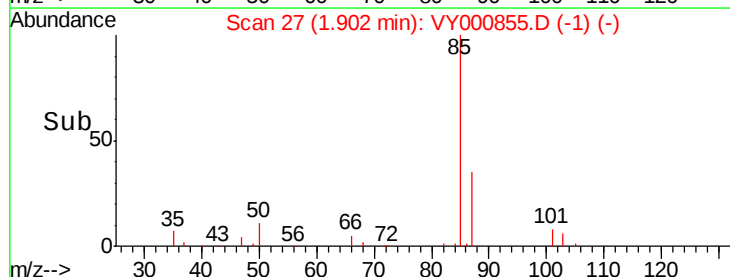
20000

10000

0

1.85 1.90 1.95 2.00

Time-->





#3

Chloromethane

Concen: 19.382 ug/l

RT: 2.11 min Scan# 62

Delta R.T. -0.00 min

Lab File: VY000855.D

Acq: 04 Dec 2019 12:05

Instrument :

MSVOA_Y

ClientSampleId :

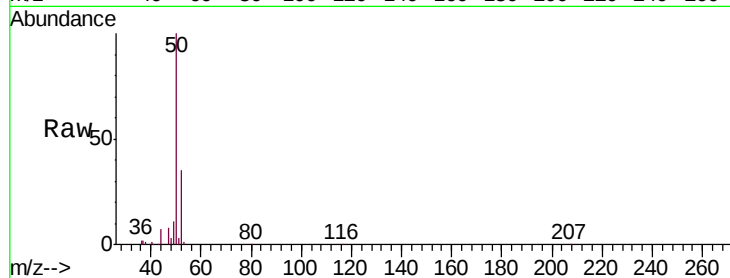
VY1204SBSD01

Tgt Ion: 50 Resp: 83086

Ion Ratio Lower Upper

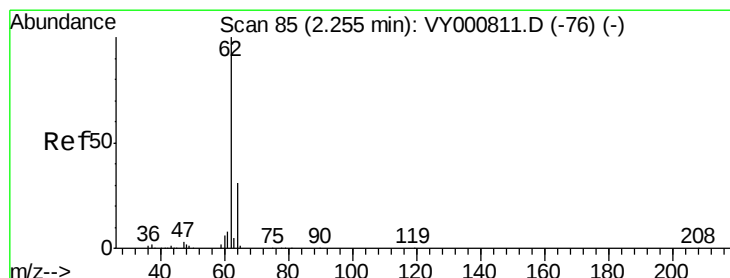
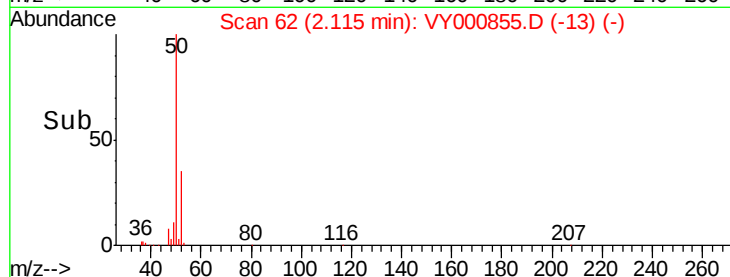
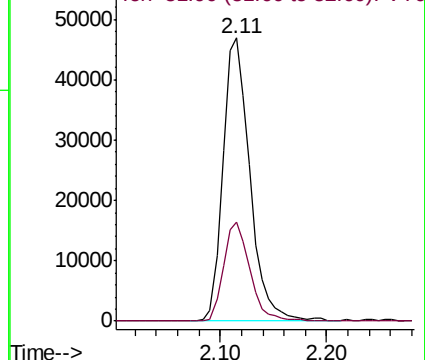
50 100

52 35.0 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: 19.183 ug/l

RT: 2.25 min Scan# 84

Delta R.T. -0.01 min

Lab File: VY000855.D

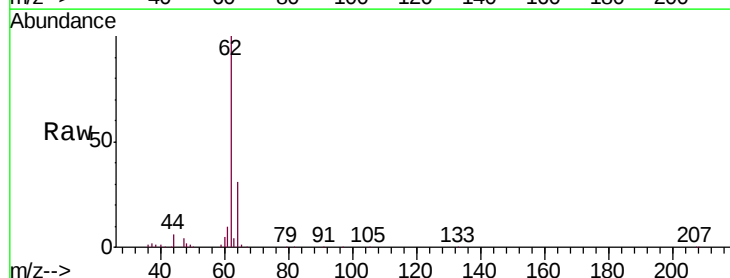
Acq: 04 Dec 2019 12:05

Tgt Ion: 62 Resp: 81043

Ion Ratio Lower Upper

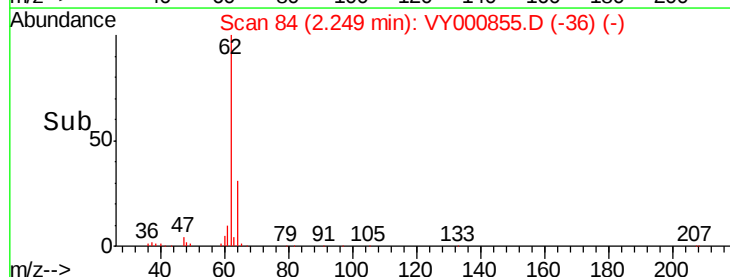
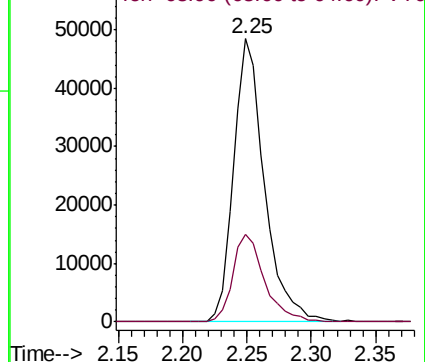
62 100

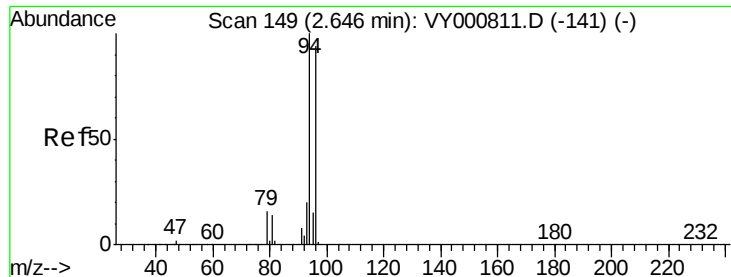
64 31.1 25.1 37.7



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 18.478 ug/l

RT: 2.63 min Scan# 147

Delta R.T. -0.01 min

Lab File: VY000855.D

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MSVOA_Y

ClientSampleId :

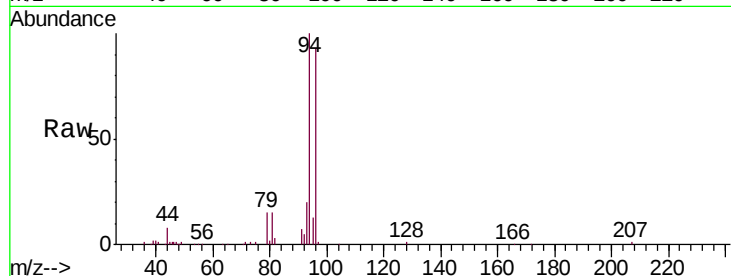
VY1204SBSD01

Tgt Ion: 94 Resp: 50927

Ion Ratio Lower Upper

94 100

96 92.8 75.2 112.8



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0

2.63

25000

20000

15000

10000

5000

0

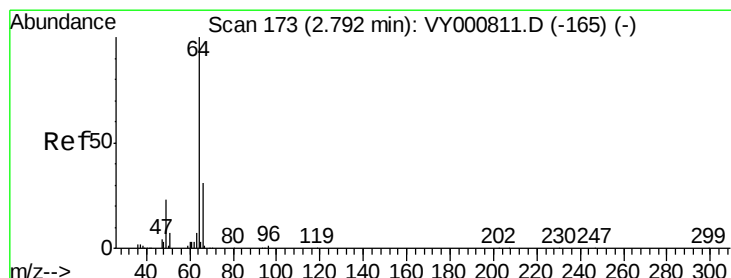
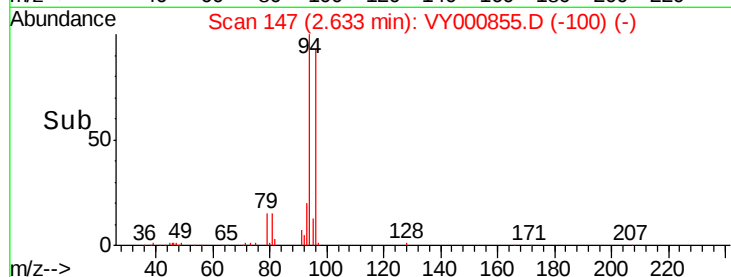
Time-->

2.50

2.60

2.70

2.80



#6

Chloroethane

Concen: 18.905 ug/l

RT: 2.79 min Scan# 172

Delta R.T. -0.01 min

Lab File: VY000855.D

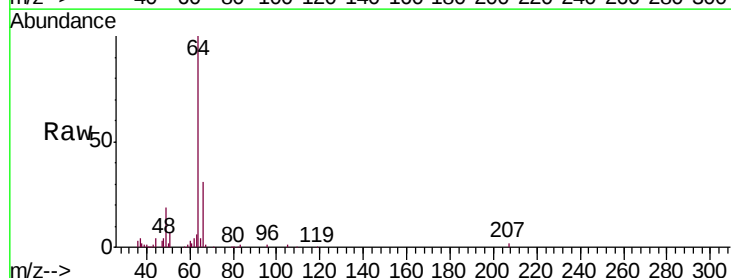
Acq: 04 Dec 2019 12:05

Tgt Ion: 64 Resp: 48968

Ion Ratio Lower Upper

64 100

66 31.2 25.0 37.4



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0

2.79

25000

20000

15000

10000

5000

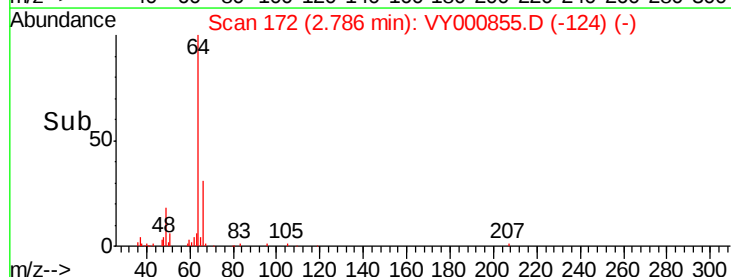
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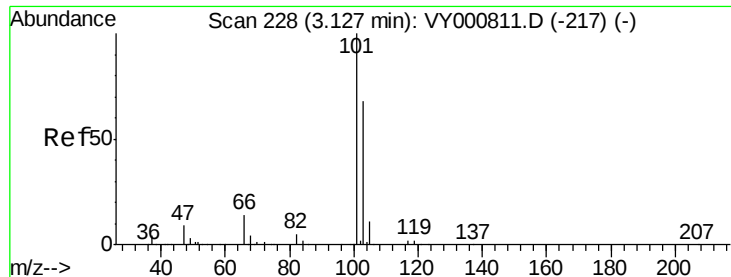
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2.70

2.80

2.90



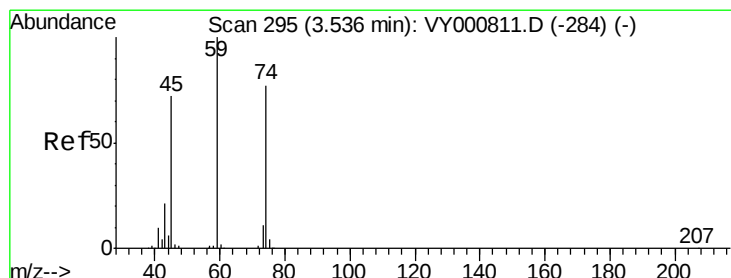
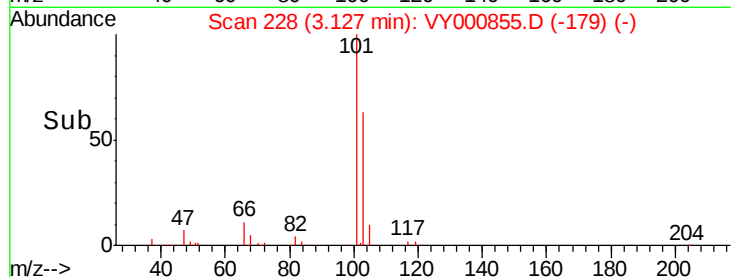
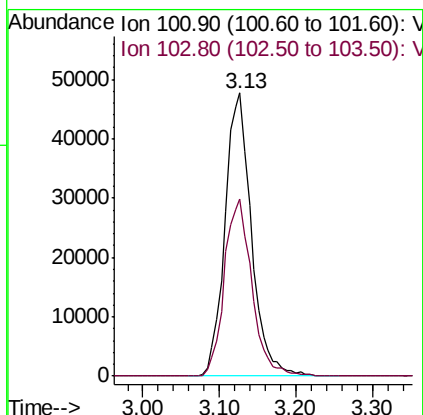
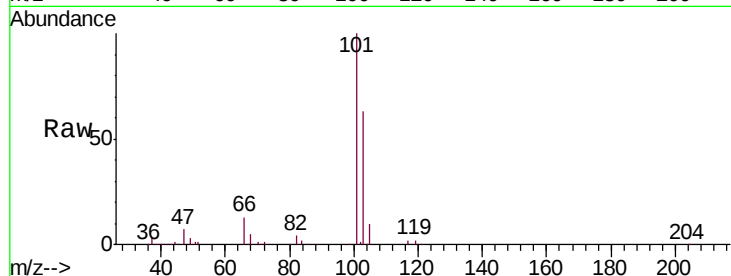


#7

Trichlorofluoromethane
 Concen: 19.698 ug/l
 RT: 3.13 min Scan# 228
 Delta R.T. -0.00 min
 Lab File: VY000855.D
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 VY1204SBS01

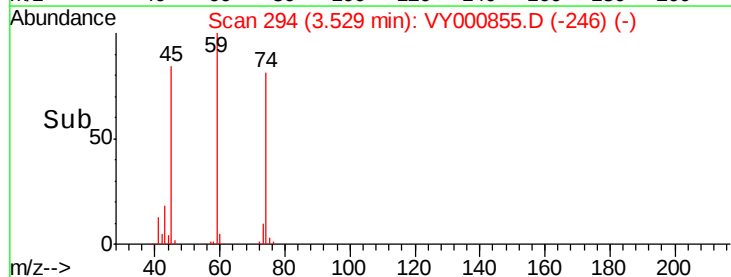
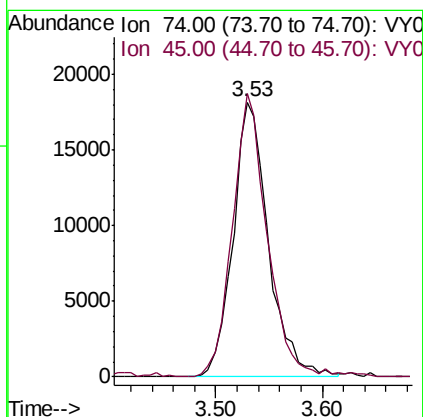
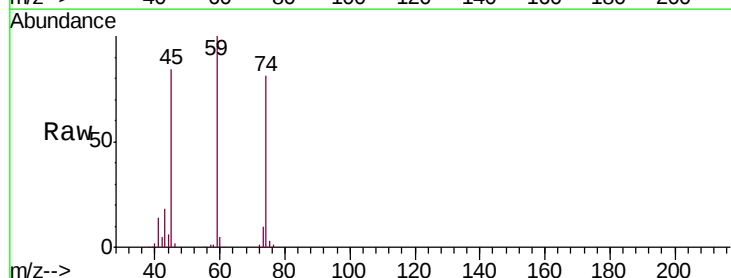
Tgt Ion:101 Resp: 114049
 Ion Ratio Lower Upper
 101 100
 103 62.4 54.2 81.2

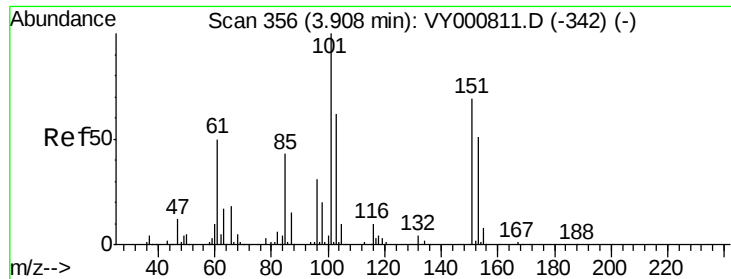


#8

Diethyl Ether
 Concen: 19.386 ug/l
 RT: 3.53 min Scan# 294
 Delta R.T. -0.01 min
 Lab File: VY000855.D
 Acq: 04 Dec 2019 12:05

Tgt Ion: 74 Resp: 42245
 Ion Ratio Lower Upper
 74 100
 45 100.6 49.0 147.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.255 ug/l

RT: 3.90 min Scan# 354

Delta R.T. -0.01 min

Lab File: VY000855.D

Acq: 04 Dec 2019 12:05

Instrument :

MSVOA_Y

ClientSampleId :

VY1204SBSD01

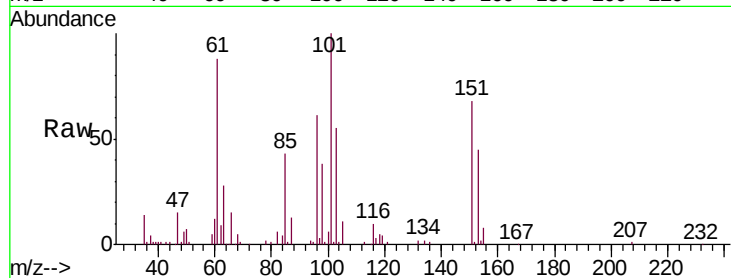
Tgt Ion:101 Resp: 68844

Ion Ratio Lower Upper

101 100

85 44.0 36.0 54.0

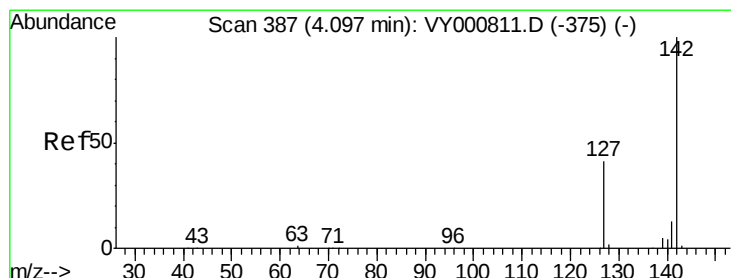
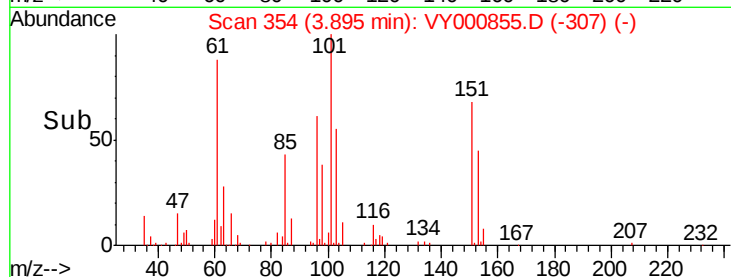
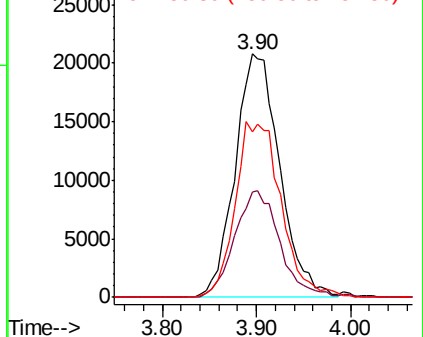
151 74.1 58.2 87.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VY0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 18.073 ug/l

RT: 4.10 min Scan# 387

Delta R.T. -0.00 min

Lab File: VY000855.D

Acq: 04 Dec 2019 12:05

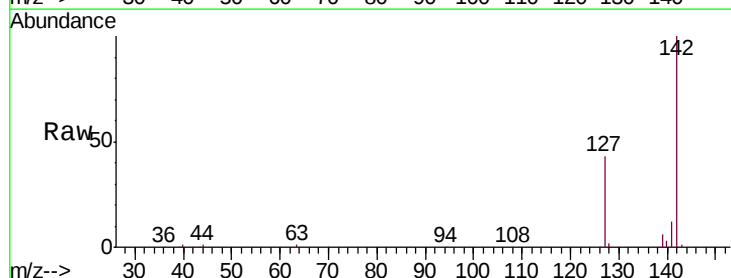
Tgt Ion:142 Resp: 81357

Ion Ratio Lower Upper

142 100

127 41.8 33.8 50.8

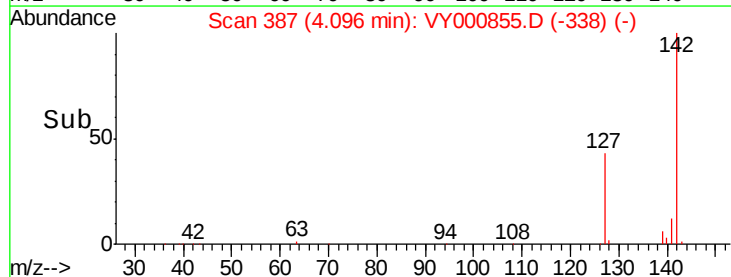
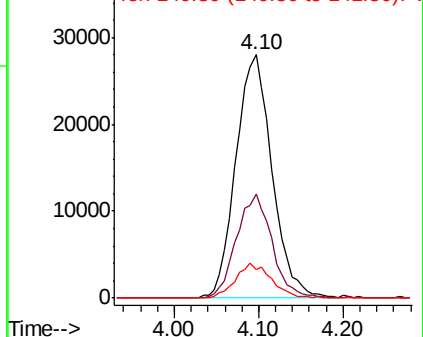
141 14.0 10.9 16.3

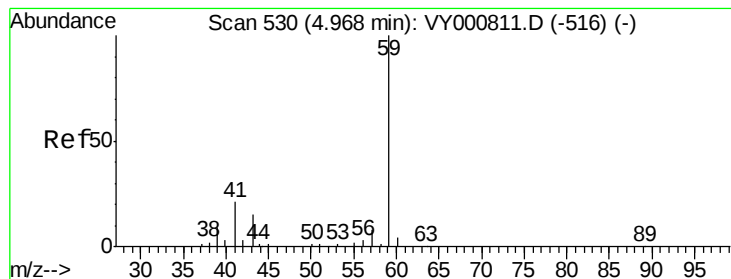


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



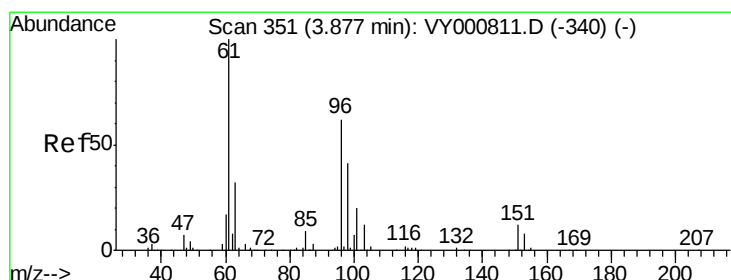
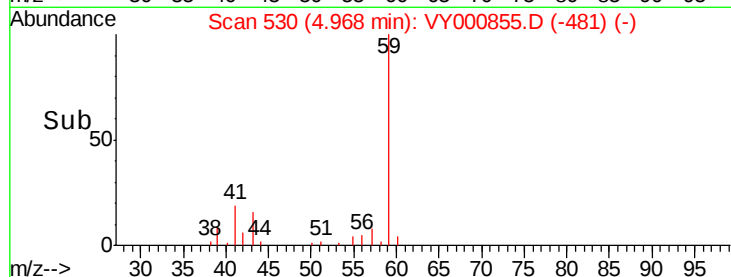
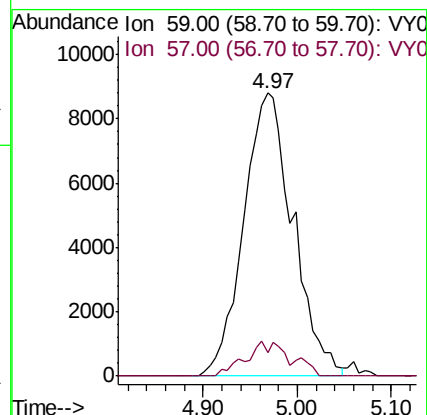
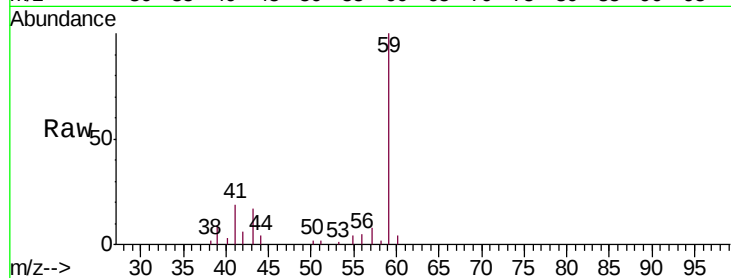


#11

Tert butyl alcohol
 Concen: 93.240 ug/l
 RT: 4.97 min Scan# 530
 Delta R.T. -0.00 min
 Lab File: VY000855.D
 Acq: 04 Dec 2019 12:05

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1204SBSD01

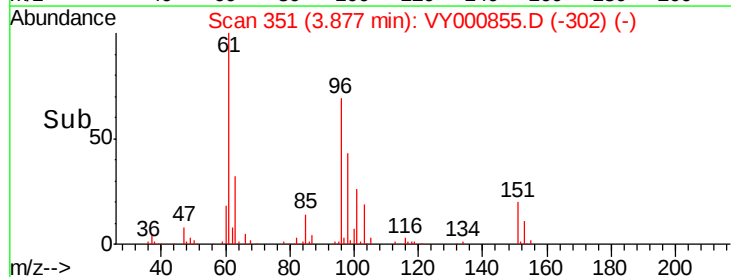
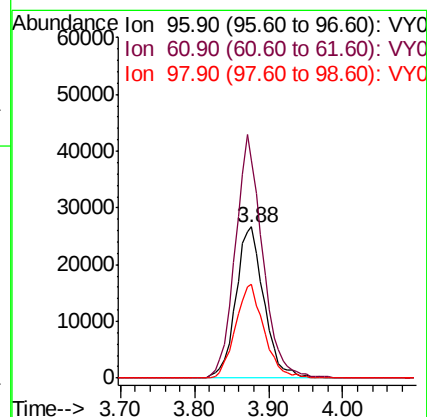
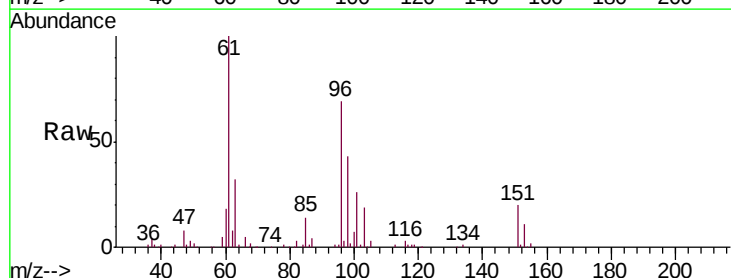
Tgt Ion: 59 Resp: 32201
 Ion Ratio Lower Upper
 59 100
 57 5.7 7.8 11.6#

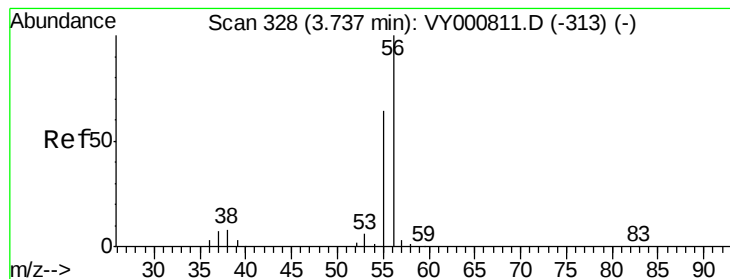


#12

1,1-Dichloroethene
 Concen: 19.816 ug/l
 RT: 3.88 min Scan# 351
 Delta R.T. -0.00 min
 Lab File: VY000855.D
 Acq: 04 Dec 2019 12:05

Tgt Ion: 96 Resp: 70192
 Ion Ratio Lower Upper
 96 100
 61 144.2 129.4 194.2
 98 62.2 53.4 80.0





#13

Acrolein

Concen: 115.573 ug/l

RT: 3.73 min Scan# 327

Delta R.T. -0.01 min

Lab File: VY000855.D

Acq: 04 Dec 2019 12:05

Instrument :

MSVOA_Y

ClientSampleId :

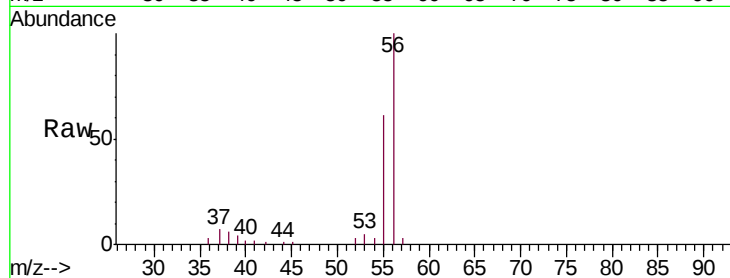
VY1204SBS01

Tgt Ion: 56 Resp: 39318

Ion Ratio Lower Upper

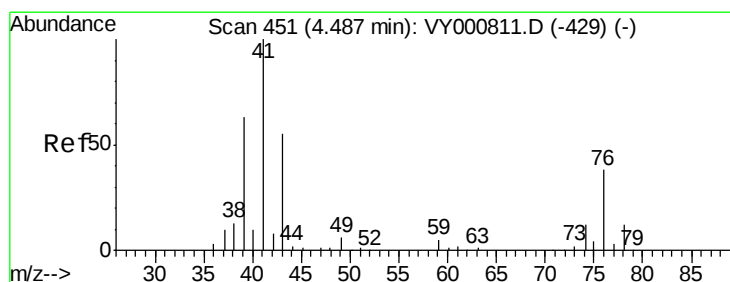
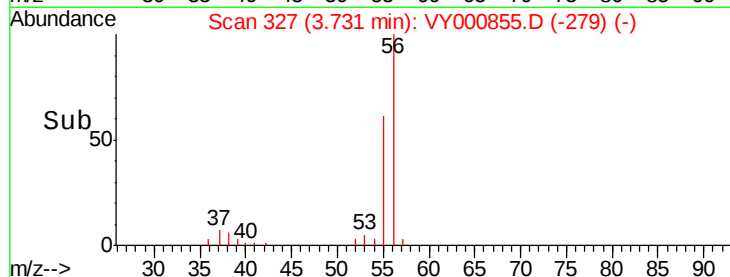
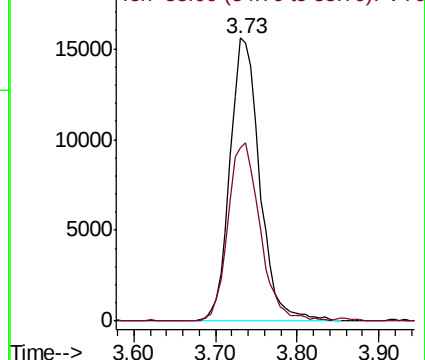
56 100

55 67.7 55.7 83.5



Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 55.00 (54.70 to 55.70): VY0



#14

Allyl chloride

Concen: 19.659 ug/l

RT: 4.48 min Scan# 450

Delta R.T. -0.01 min

Lab File: VY000855.D

Acq: 04 Dec 2019 12:05

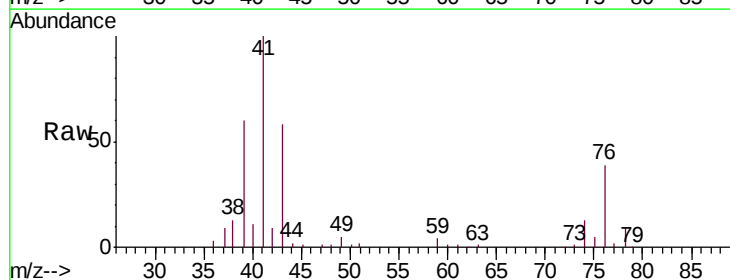
Tgt Ion: 41 Resp: 119401

Ion Ratio Lower Upper

41 100

39 61.3 49.2 73.8

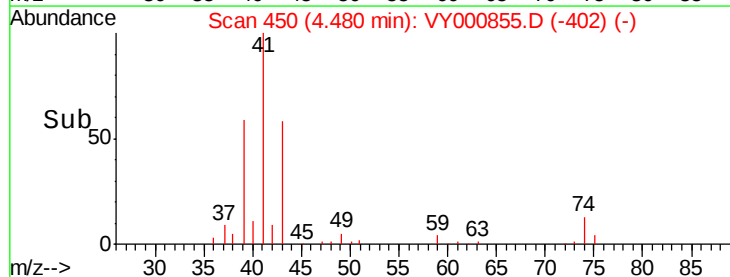
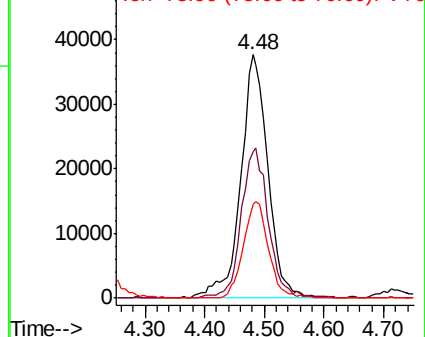
76 36.9 29.2 43.8

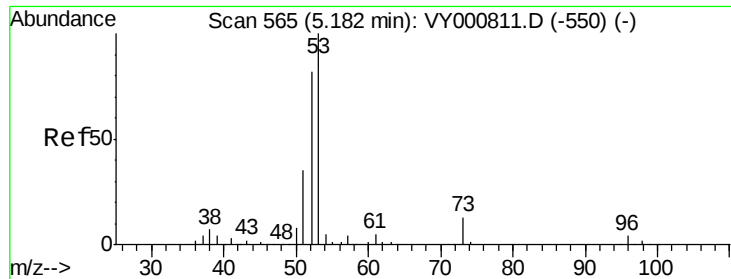


Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 75.90 (75.60 to 76.60): VY0





#15

Acrylonitrile

Concen: 100.791 ug/l

RT: 5.18 min Scan# 564

Delta R.T. -0.01 min

Lab File: VY000855.D

Acq: 04 Dec 2019 12:05

Instrument :

MSVOA_Y

ClientSampleId :

VY1204SBSD01

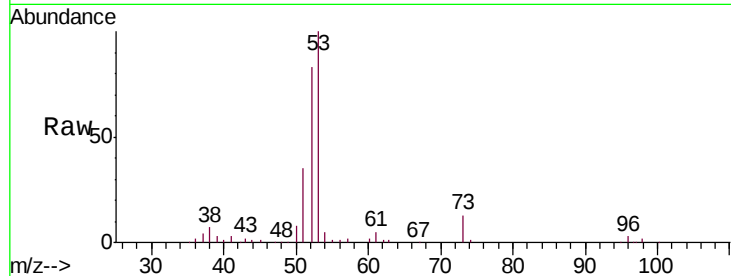
Tgt Ion: 53 Resp: 113416

Ion Ratio Lower Upper

53 100

52 81.2 65.1 97.7

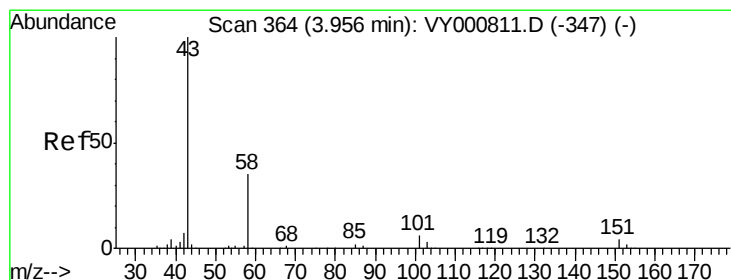
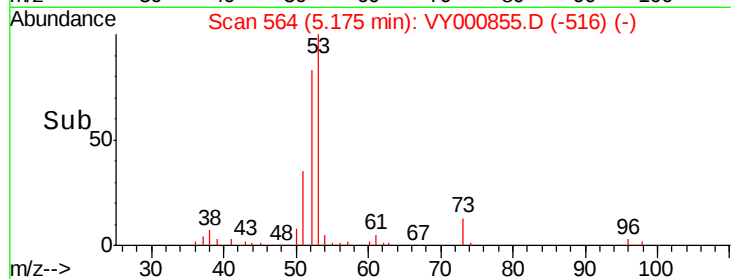
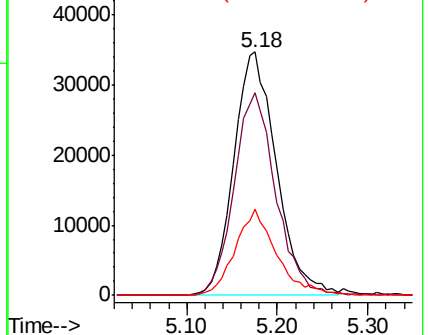
51 34.4 29.0 43.4



Abundance Ion 53.00 (52.70 to 53.70): VY0

Ion 52.00 (51.70 to 52.70): VY0

Ion 51.00 (50.70 to 51.70): VY0



#16

Acetone

Concen: 99.986 ug/l

RT: 3.95 min Scan# 363

Delta R.T. -0.01 min

Lab File: VY000855.D

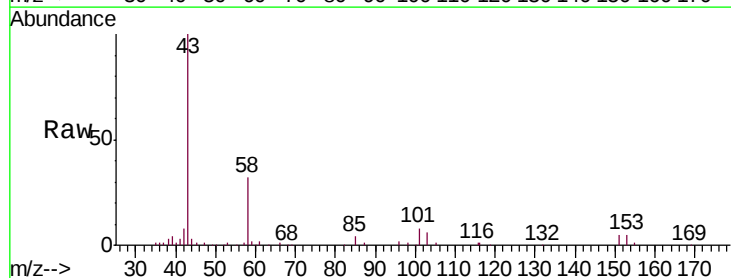
Acq: 04 Dec 2019 12:05

Tgt Ion: 43 Resp: 78735

Ion Ratio Lower Upper

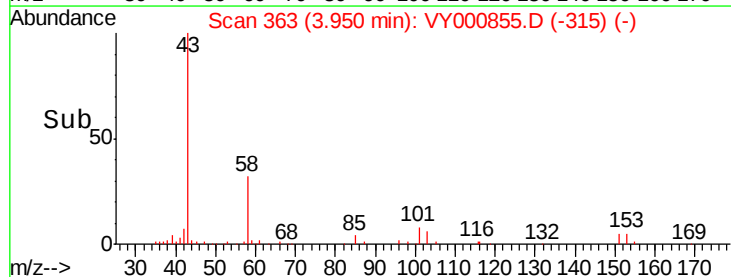
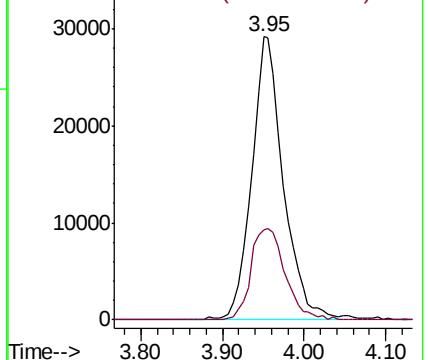
43 100

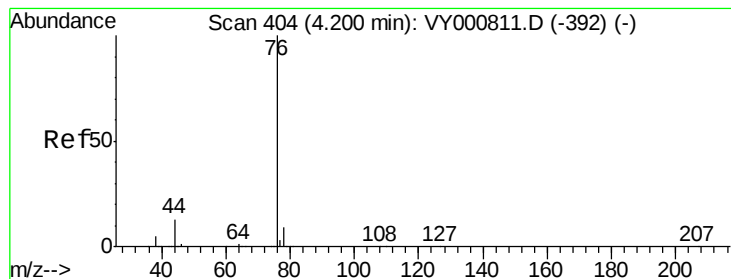
58 31.7 28.0 42.0



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0





#17

Carbon Disulfide

Concen: 19.440 ug/l

RT: 4.19 min Scan# 403

Delta R.T. -0.01 min

Lab File: VY000855.D

Acq: 04 Dec 2019 12:05

Instrument :

MSVOA_Y

ClientSampleId :

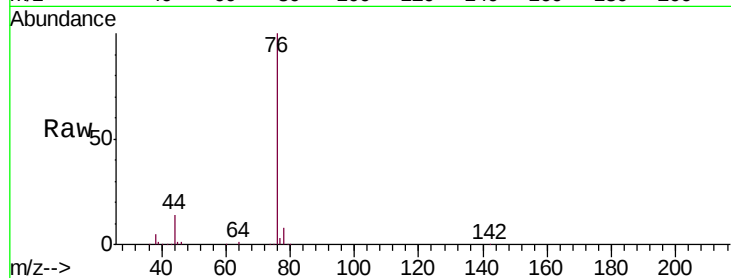
VY1204SBS01

Tgt Ion: 76 Resp: 222703

Ion Ratio Lower Upper

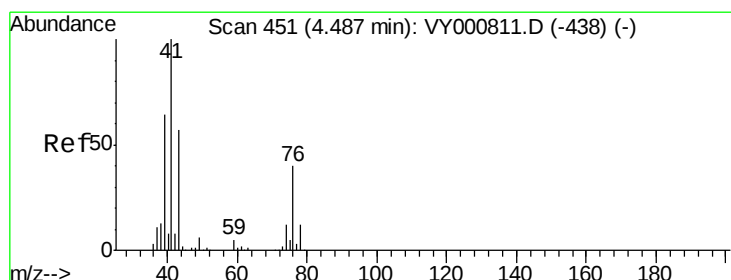
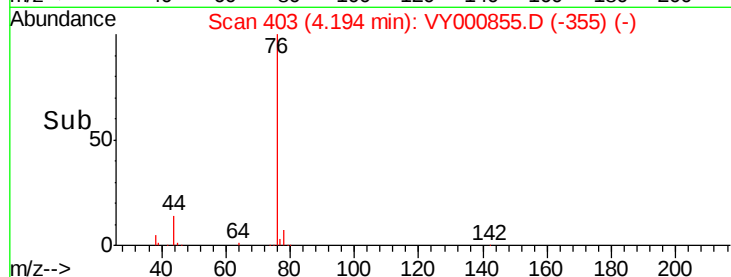
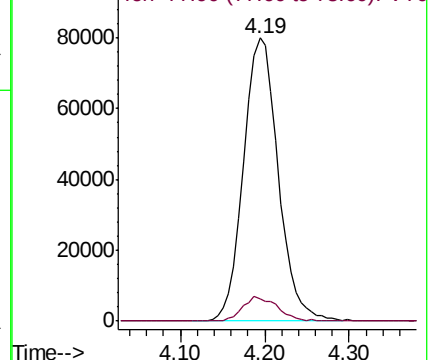
76 100

78 7.9 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#18

Methyl Acetate

Concen: 21.115 ug/l

RT: 4.49 min Scan# 451

Delta R.T. -0.00 min

Lab File: VY000855.D

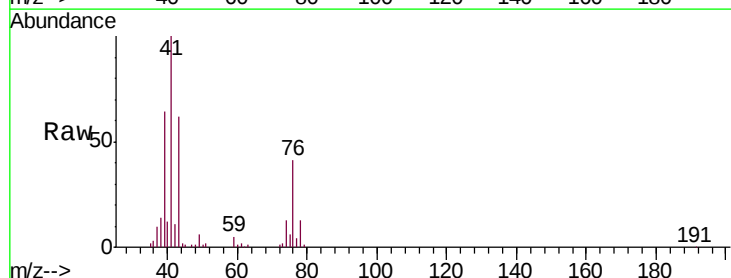
Acq: 04 Dec 2019 12:05

Tgt Ion: 43 Resp: 69523

Ion Ratio Lower Upper

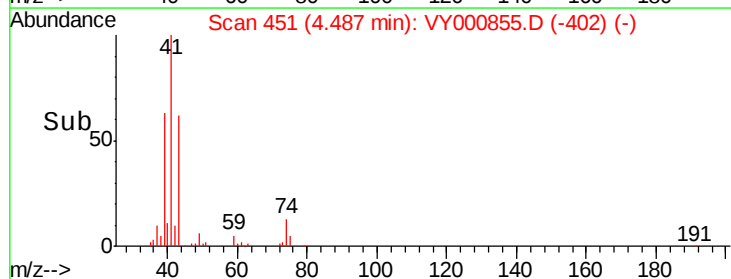
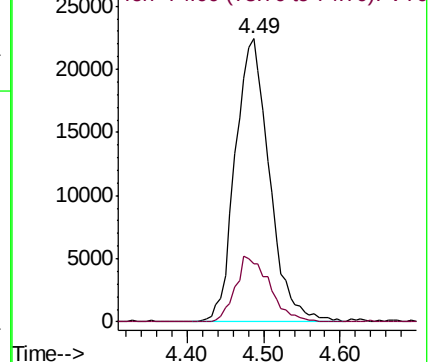
43 100

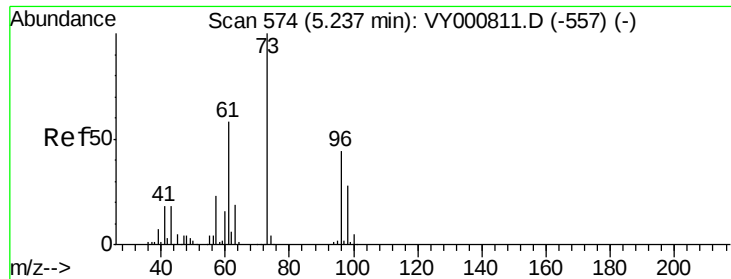
74 23.3 18.5 27.7



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 74.00 (73.70 to 74.70): VY0

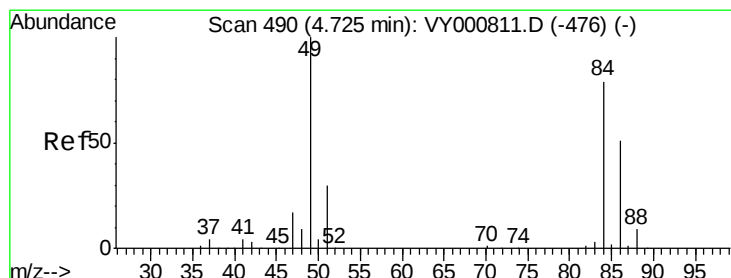
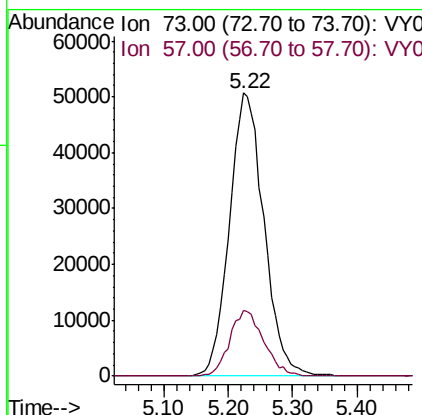
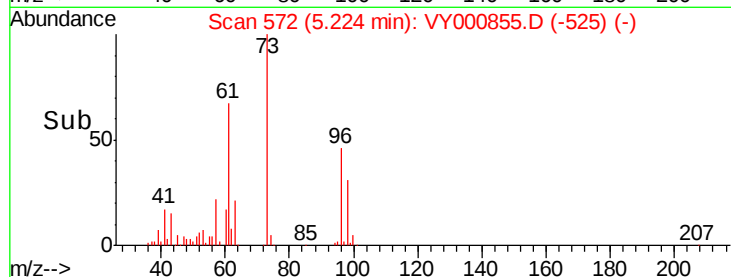
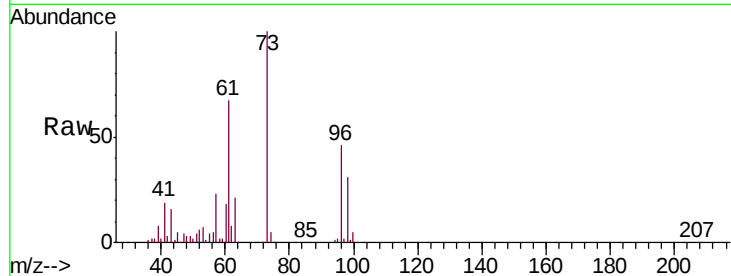




#19
Methyl tert-butyl Ether
Concen: 19.933 ug/l
RT: 5.22 min Scan# 572
Delta R.T. -0.01 min
Lab File: VY000855.D
Acq: 04 Dec 2019 12:05

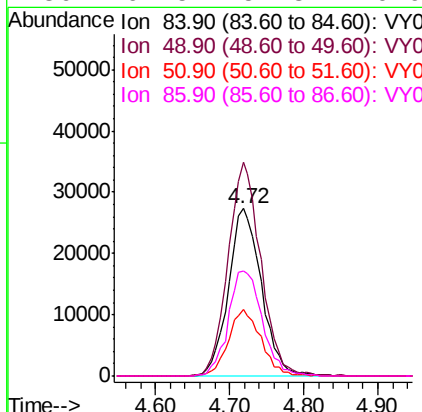
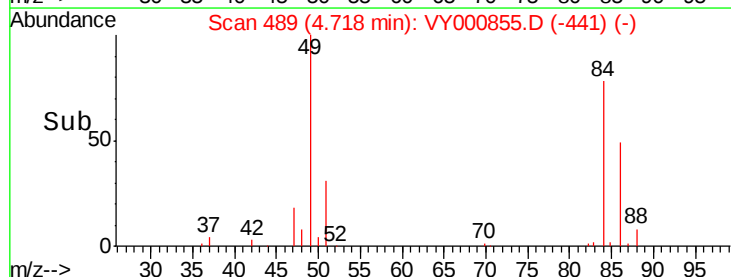
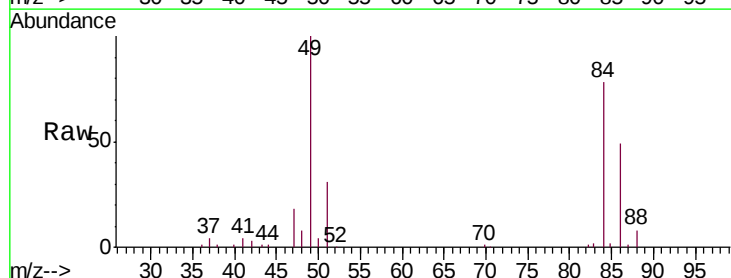
Instrument :
MSVOA_Y
ClientSampleId :
VY1204SBS01

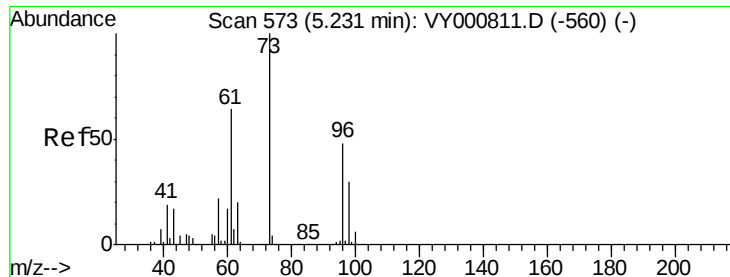
Tgt Ion: 73 Resp: 188560
Ion Ratio Lower Upper
73 100
57 23.1 18.2 27.4



#20
Methylene Chloride
Concen: 20.336 ug/l
RT: 4.72 min Scan# 489
Delta R.T. -0.01 min
Lab File: VY000855.D
Acq: 04 Dec 2019 12:05

Tgt Ion: 84 Resp: 84413
Ion Ratio Lower Upper
84 100
49 127.7 101.3 151.9
51 39.7 30.6 45.8
86 62.5 51.3 76.9





#21

trans-1,2-Dichloroethene

Concen: 19.038 ug/l

RT: 5.23 min Scan# 573

Delta R.T. -0.00 min

Lab File: VY000855.D

Acq: 04 Dec 2019 12:05

Instrument :

MSVOA_Y

ClientSampleId :

VY1204SBSD01

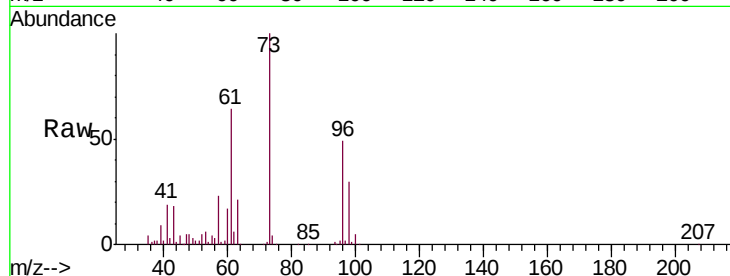
Tgt Ion: 96 Resp: 76646

Ion Ratio Lower Upper

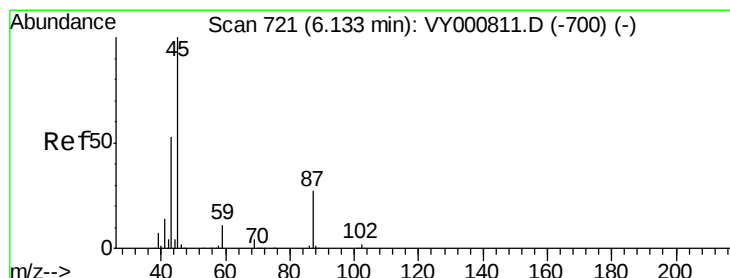
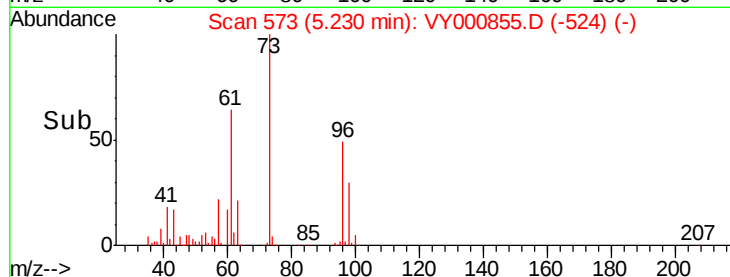
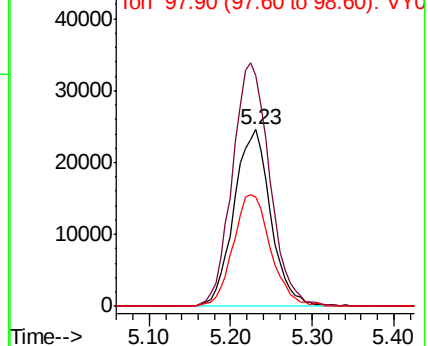
96 100

61 130.8 105.9 158.9

98 61.7 49.4 74.2



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



#22

Diisopropyl ether

Concen: 20.019 ug/l

RT: 6.13 min Scan# 721

Delta R.T. -0.00 min

Lab File: VY000855.D

Acq: 04 Dec 2019 12:05

Tgt Ion: 45 Resp: 249893

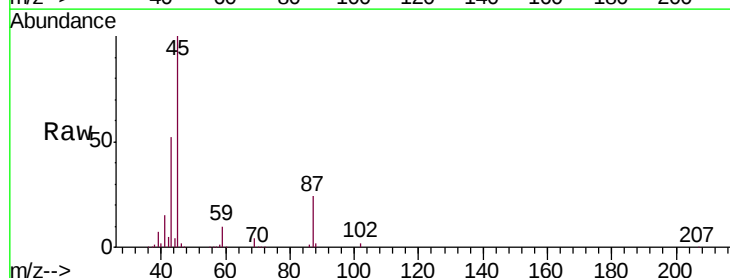
Ion Ratio Lower Upper

45 100

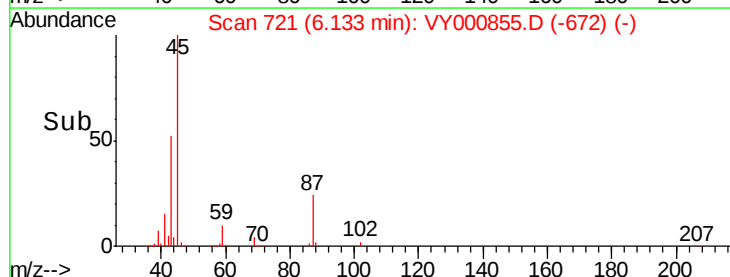
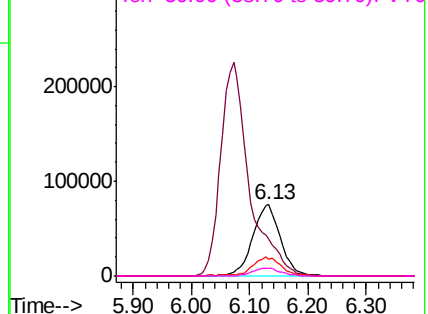
43 51.4 42.7 64.1

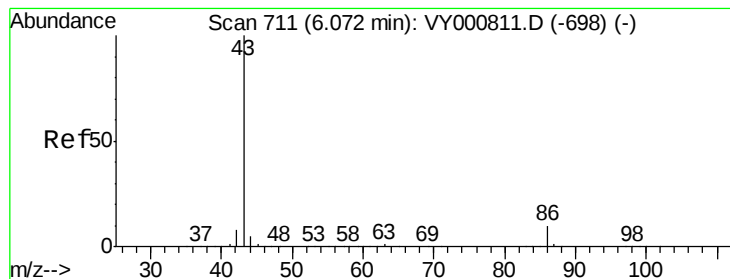
87 24.1 22.0 33.0

59 10.4 8.9 13.3



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





#23

Vinyl Acetate

Concen: 101.431 ug/l

RT: 6.07 min Scan# 711

Delta R.T. -0.00 min

Lab File: VY000855.D

Acq: 04 Dec 2019 12:05

Instrument :

MSVOA_Y

ClientSampleId :

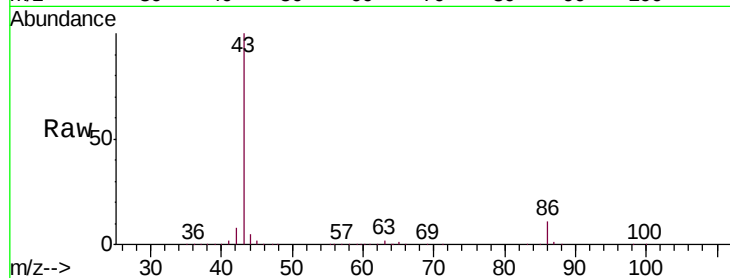
VY1204SBSD01

Tgt Ion: 43 Resp: 769739

Ion Ratio Lower Upper

43 100

86 11.3 8.3 12.5



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0

6.07

250000

200000

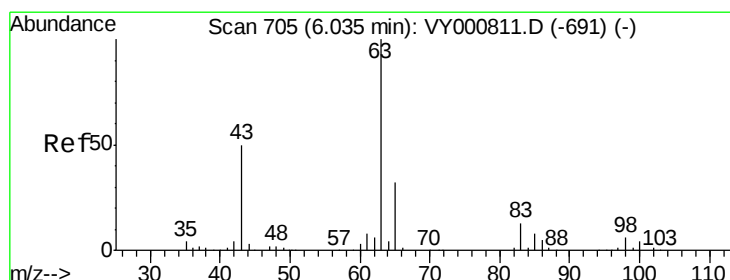
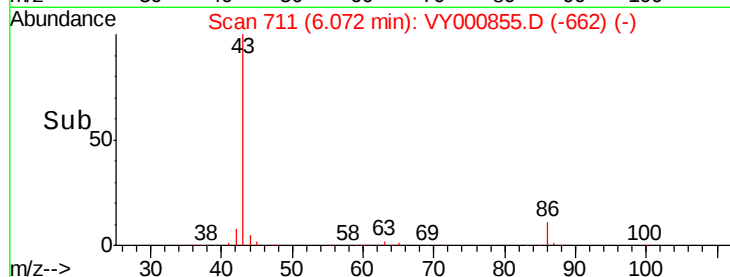
150000

100000

50000

0

Time-->



#24

1,1-Dichloroethane

Concen: 19.602 ug/l

RT: 6.02 min Scan# 703

Delta R.T. -0.01 min

Lab File: VY000855.D

Acq: 04 Dec 2019 12:05

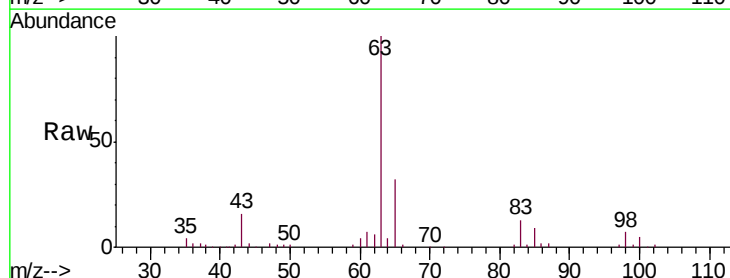
Tgt Ion: 63 Resp: 134865

Ion Ratio Lower Upper

63 100

98 6.8 3.3 9.8

100 5.0 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

6.02

60000

50000

40000

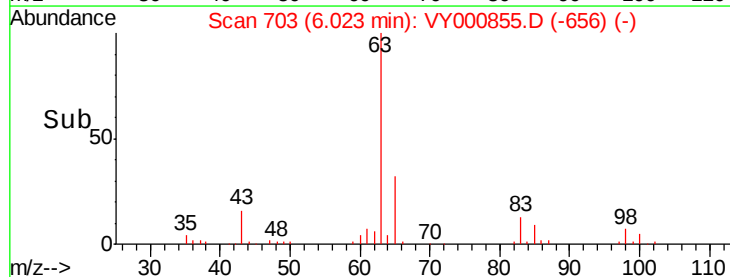
30000

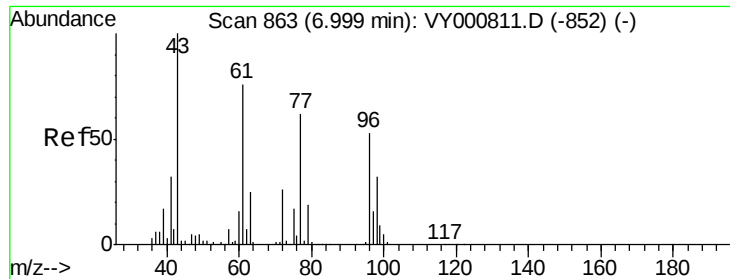
20000

10000

0

Time-->





#25

2-Butanone

Concen: 99.631 ug/l

RT: 7.00 min Scan# 863

Delta R.T. -0.00 min

Lab File: VY000855.D

Acq: 04 Dec 2019 12:05

Instrument :

MSVOA_Y

ClientSampleId :

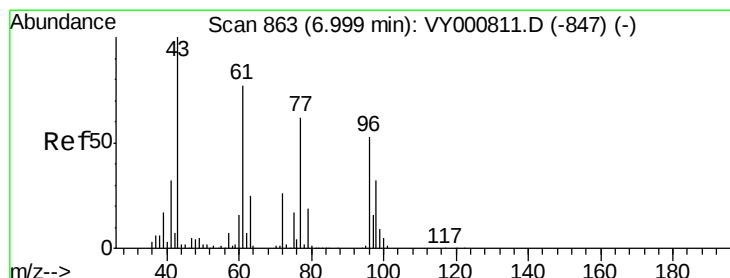
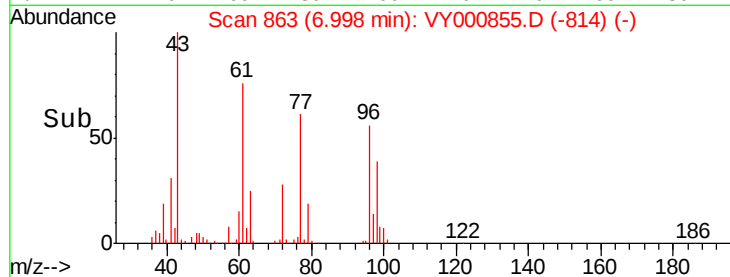
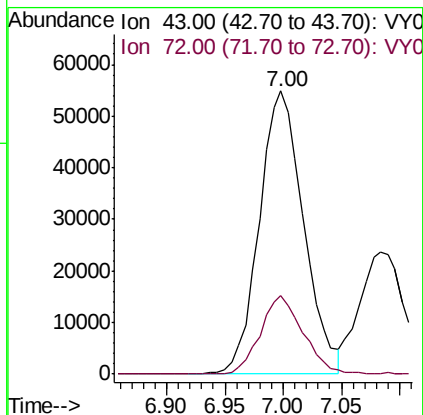
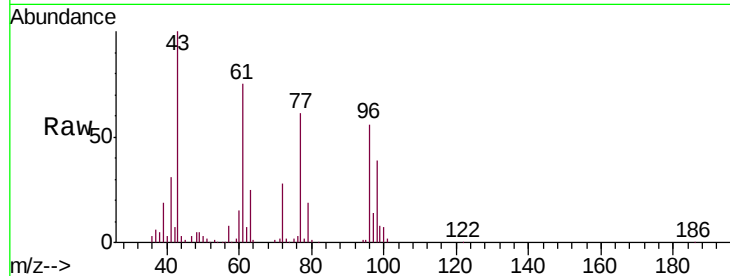
VY1204SBSD01

Tgt Ion: 43 Resp: 144928

Ion Ratio Lower Upper

43 100

72 27.7 21.0 31.4



#26

2,2-Dichloropropane

Concen: 18.934 ug/l

RT: 6.99 min Scan# 862

Delta R.T. -0.01 min

Lab File: VY000855.D

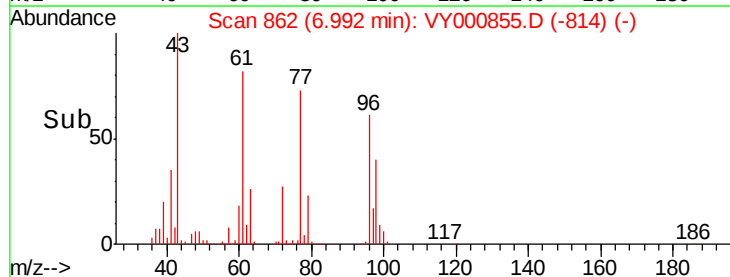
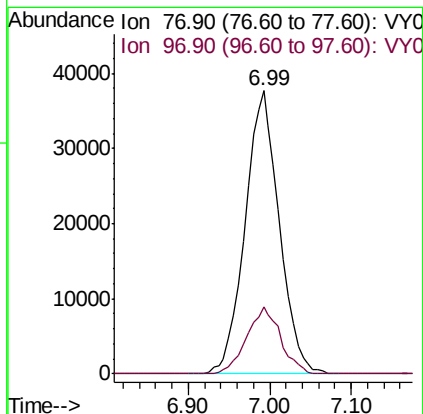
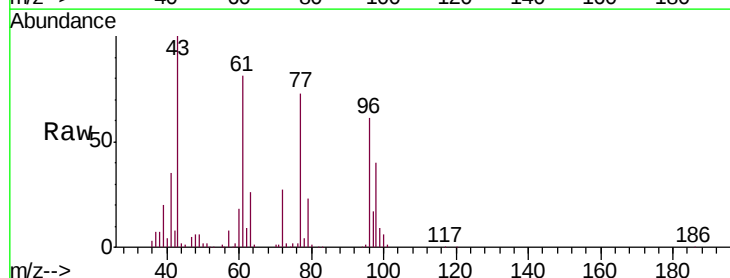
Acq: 04 Dec 2019 12:05

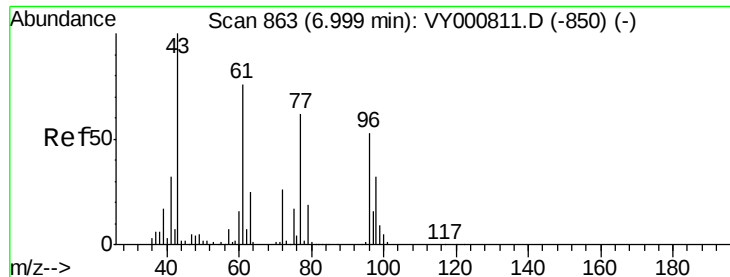
Tgt Ion: 77 Resp: 109638

Ion Ratio Lower Upper

77 100

97 23.6 11.9 35.9



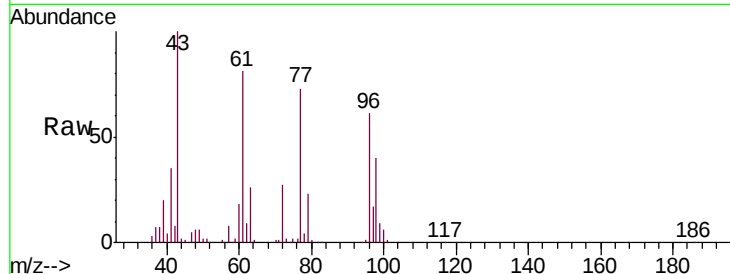


#27

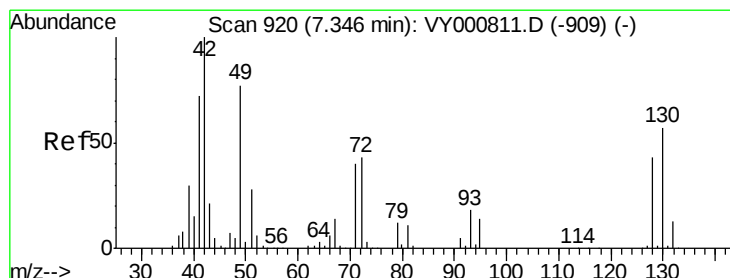
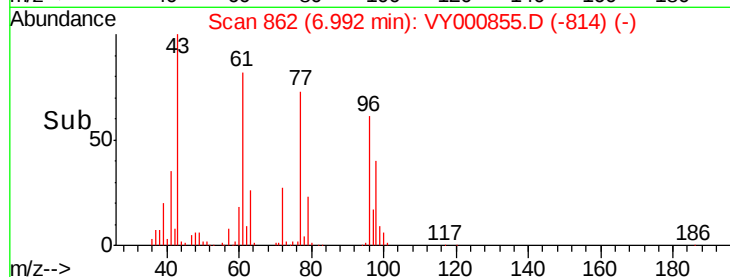
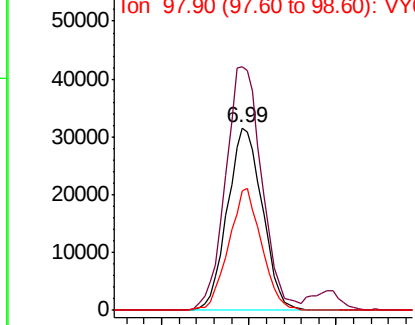
cis-1,2-Dichloroethene
Concen: 20.147 ug/l
RT: 6.99 min Scan# 862
Delta R.T. -0.01 min
Lab File: VY000855.D
Acq: 04 Dec 2019 12:05

Instrument :
MSVOA_Y
ClientSampleId :
VY1204SBSD01

Tgt Ion: 96 Resp: 87676
Ion Ratio Lower Upper
96 100
61 138.7 0.0 285.0
98 62.9 0.0 128.0



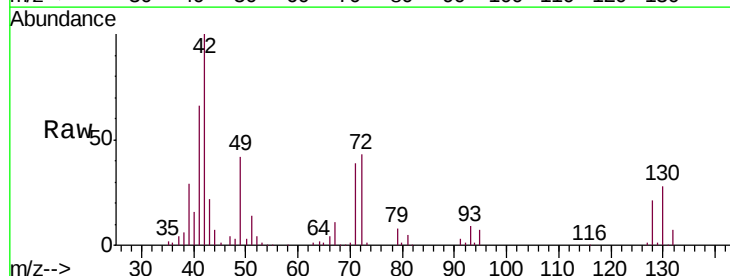
Abundance Ion 95.90 (95.60 to 96.60): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 97.90 (97.60 to 98.60): VY0



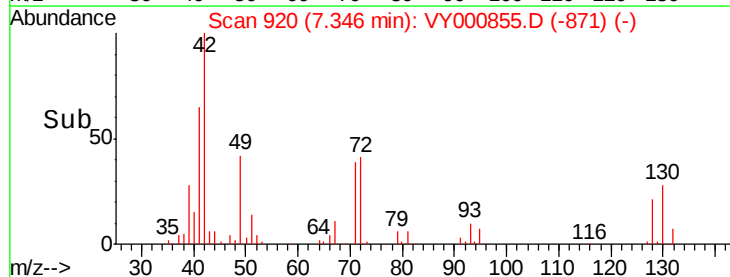
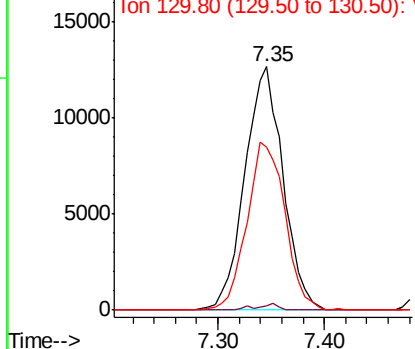
#28

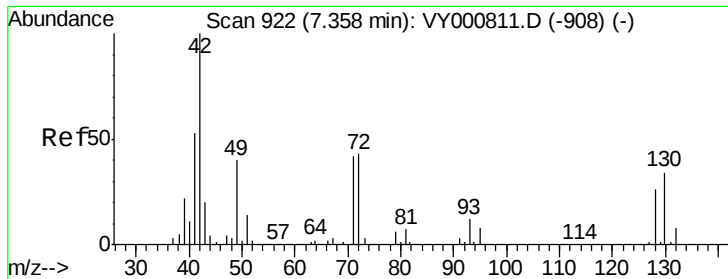
Bromochloromethane
Concen: 14.149 ug/l
RT: 7.35 min Scan# 920
Delta R.T. -0.00 min
Lab File: VY000855.D
Acq: 04 Dec 2019 12:05

Tgt Ion: 49 Resp: 31893
Ion Ratio Lower Upper
49 100
129 1.0 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): VY0
Ion 129.80 (129.50 to 130.50): VY0





#29

Tetrahydrofuran

Concen: 104.947 ug/l

RT: 7.36 min Scan# 922

Delta R.T. -0.00 min

Lab File: VY000855.D

Acq: 04 Dec 2019 12:05

Instrument :

MSVOA_Y

ClientSampleId :

VY1204SBSD01

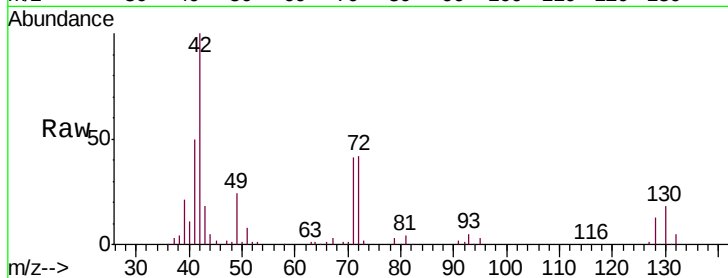
Tgt Ion: 42 Resp: 101161

Ion Ratio Lower Upper

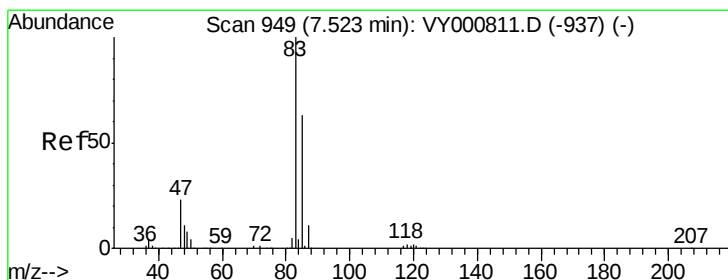
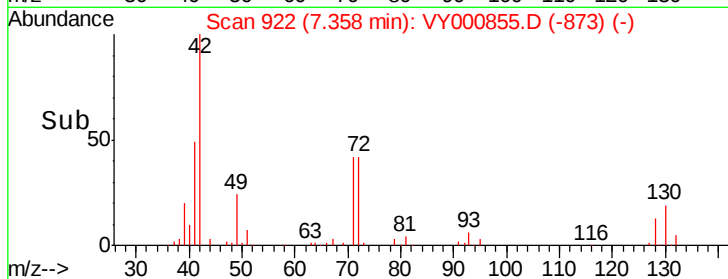
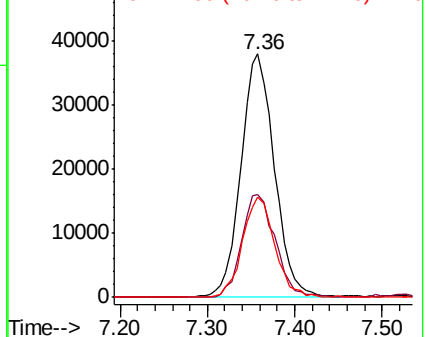
42 100

72 42.6 35.1 52.7

71 39.5 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: 18.663 ug/l

RT: 7.52 min Scan# 948

Delta R.T. -0.01 min

Lab File: VY000855.D

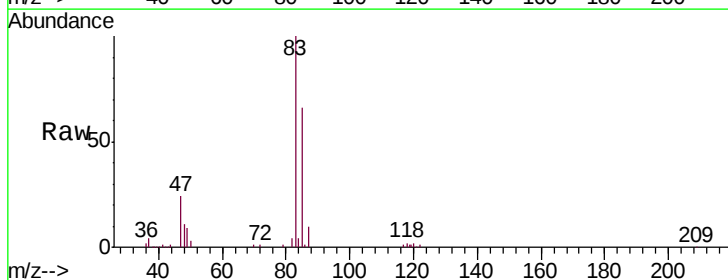
Acq: 04 Dec 2019 12:05

Tgt Ion: 83 Resp: 128809

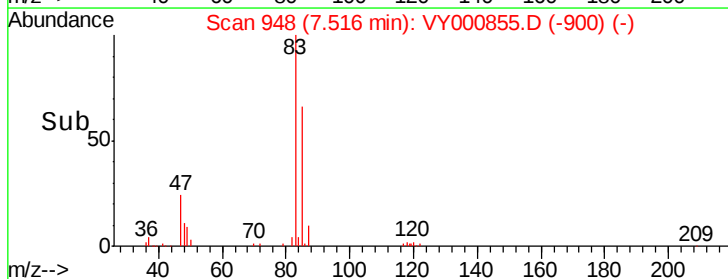
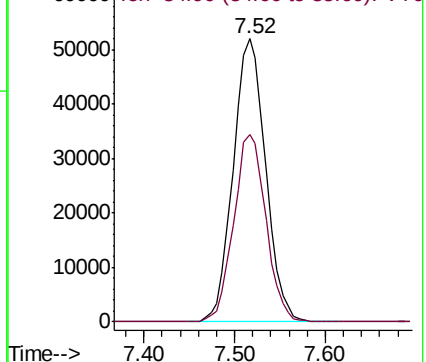
Ion Ratio Lower Upper

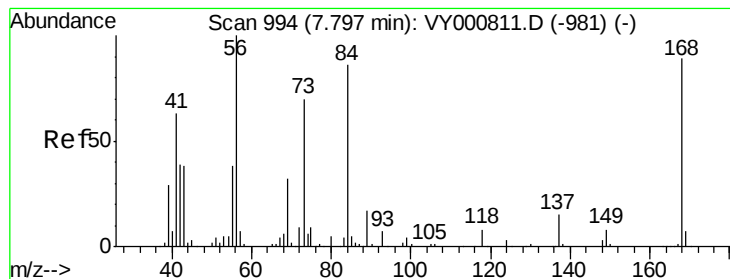
83 100

85 66.3 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: 19.020 ug/l

RT: 7.79 min Scan# 993

Delta R.T. -0.01 min

Lab File: VY000855.D

Acq: 04 Dec 2019 12:05

Instrument :

MSVOA_Y

ClientSampleId :

VY1204SBSD01

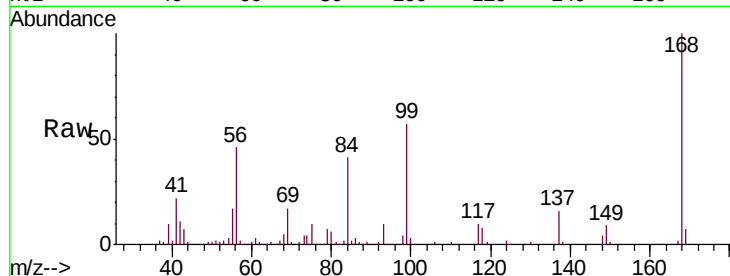
Tgt Ion: 56 Resp: 138623

Ion Ratio Lower Upper

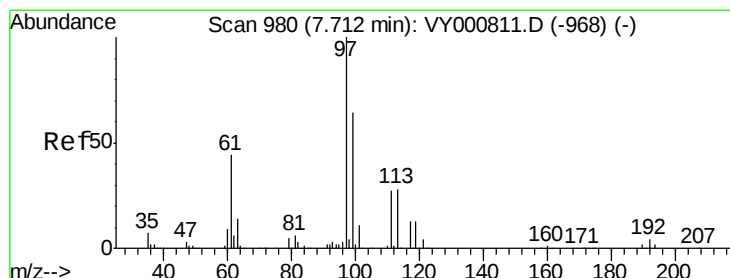
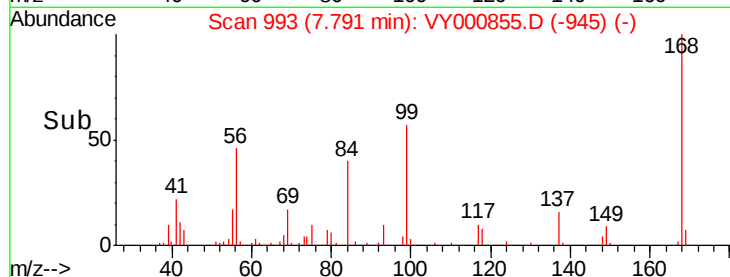
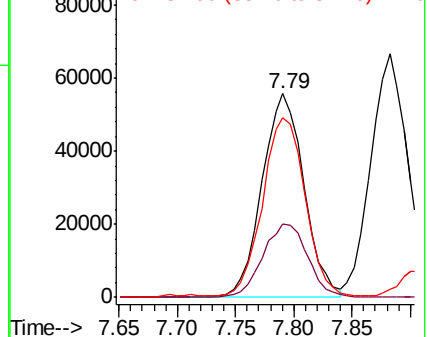
56 100

69 36.0 25.9 38.9

84 87.2 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: 19.078 ug/l

RT: 7.71 min Scan# 980

Delta R.T. -0.00 min

Lab File: VY000855.D

Acq: 04 Dec 2019 12:05

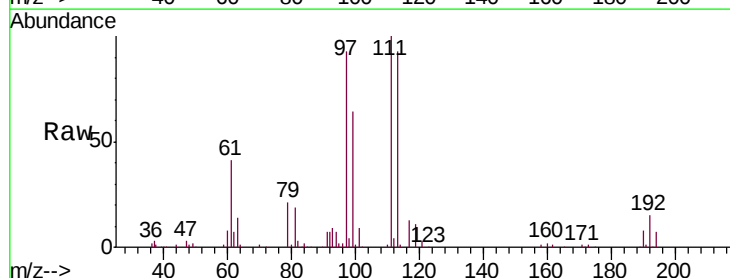
Tgt Ion: 97 Resp: 108728

Ion Ratio Lower Upper

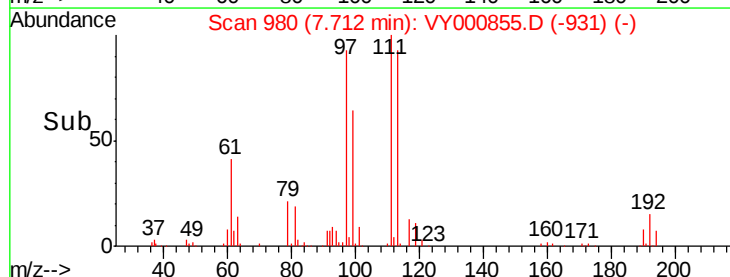
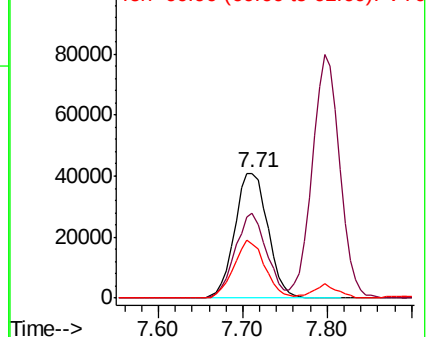
97 100

99 63.7 51.7 77.5

61 43.6 35.0 52.6



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

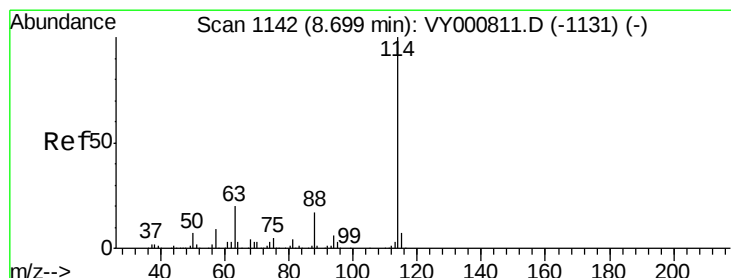
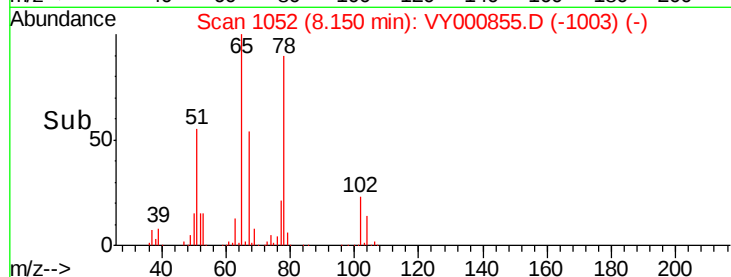
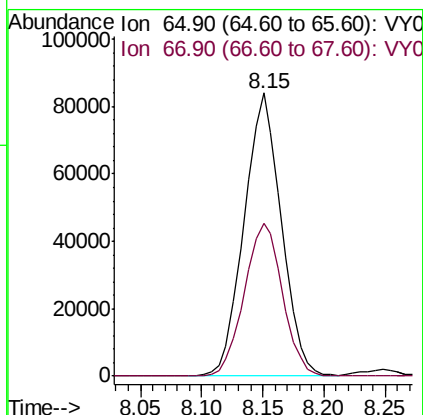
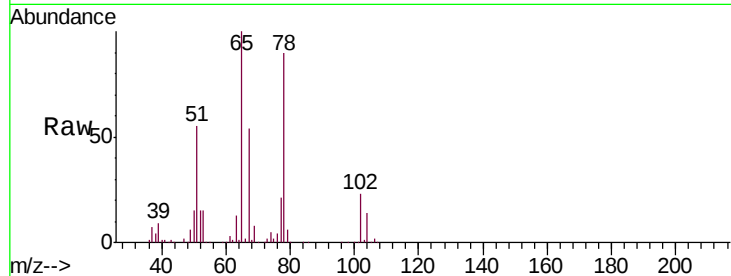




#33
 1,2-Dichloroethane-d4
 Concen: 51.853 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. -0.00 min
 Lab File: VY000855.D
 Acq: 04 Dec 2019 12:05

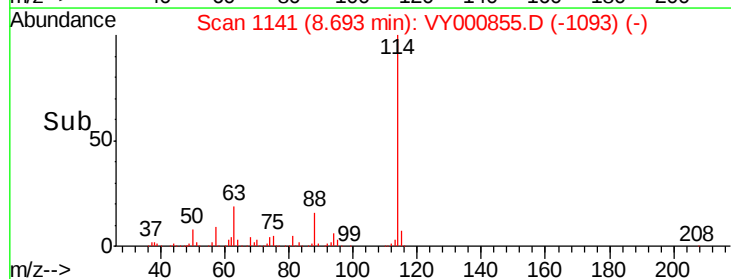
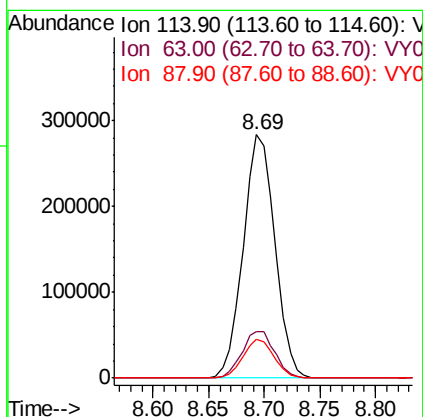
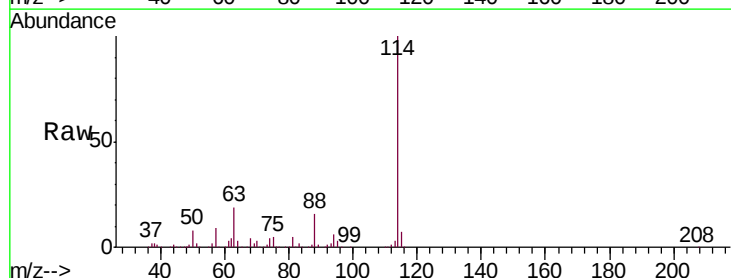
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1204SBSD01

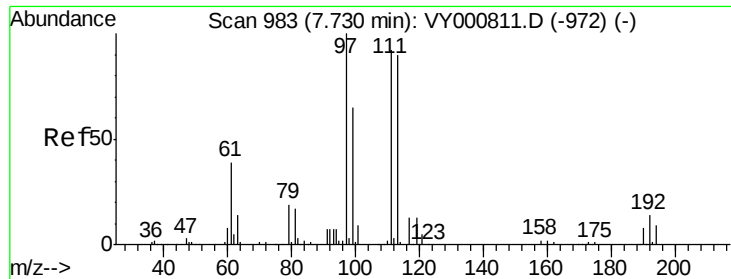
Tgt Ion: 65 Resp: 177996
 Ion Ratio Lower Upper
 65 100
 67 55.2 0.0 112.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.01 min
 Lab File: VY000855.D
 Acq: 04 Dec 2019 12:05

Tgt Ion: 114 Resp: 562626
 Ion Ratio Lower Upper
 114 100
 63 19.0 0.0 39.8
 88 15.8 0.0 33.2

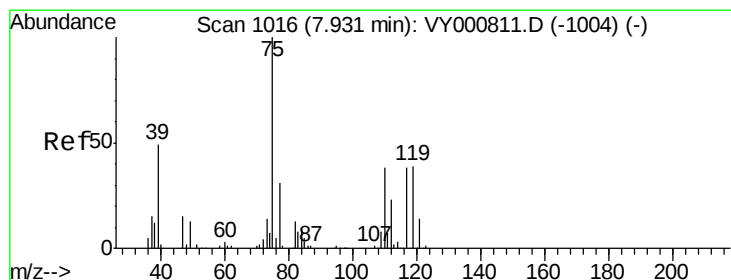
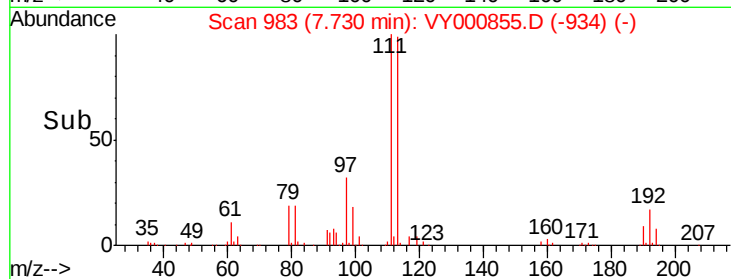
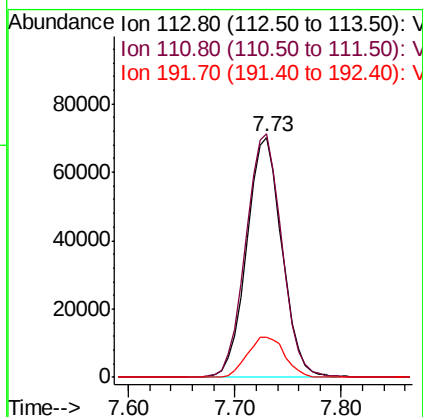
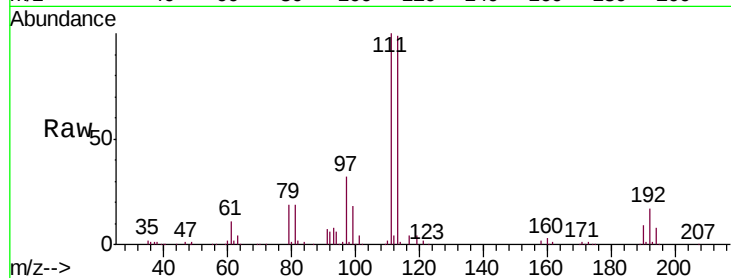




#35
 Dibromofluoromethane
 Concen: 49.830 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. -0.00 min
 Lab File: VY000855.D
 Acq: 04 Dec 2019 12:05

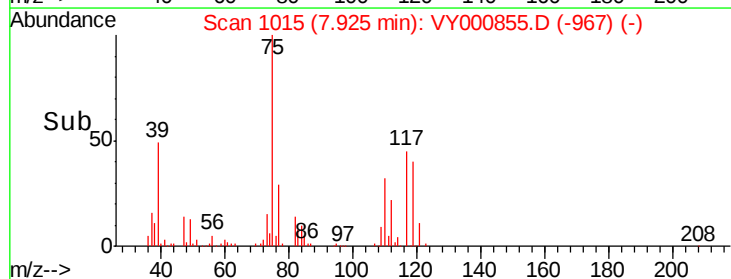
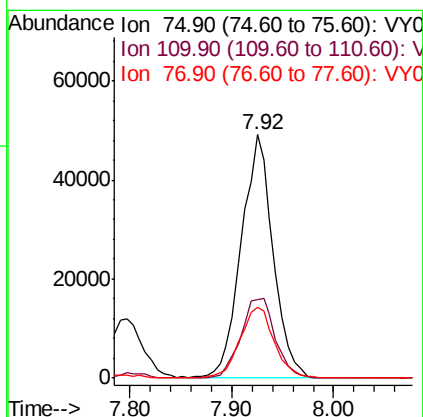
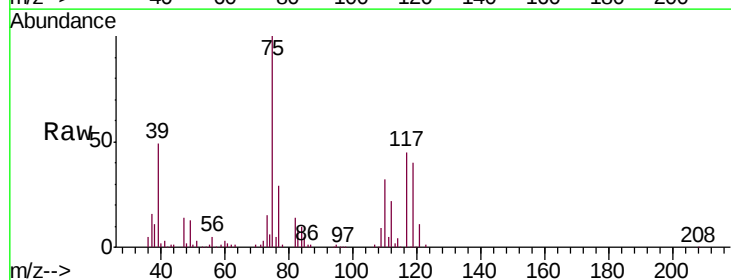
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1204SBSD01

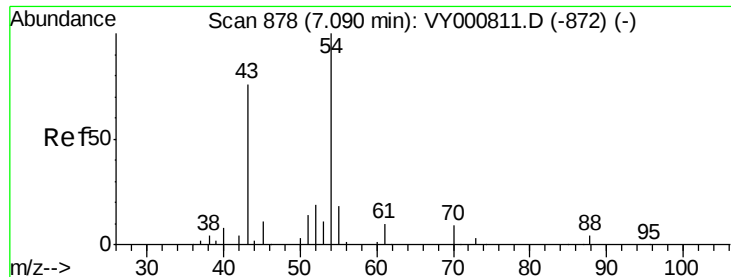
Tgt Ion:113 Resp: 163390
 Ion Ratio Lower Upper
 113 100
 111 103.9 82.4 123.6
 192 17.9 14.2 21.2



#36
 1,1-Dichloropropene
 Concen: 19.080 ug/l
 RT: 7.92 min Scan# 1015
 Delta R.T. -0.01 min
 Lab File: VY000855.D
 Acq: 04 Dec 2019 12:05

Tgt Ion: 75 Resp: 106738
 Ion Ratio Lower Upper
 75 100
 110 35.4 17.9 53.7
 77 31.3 24.7 37.1

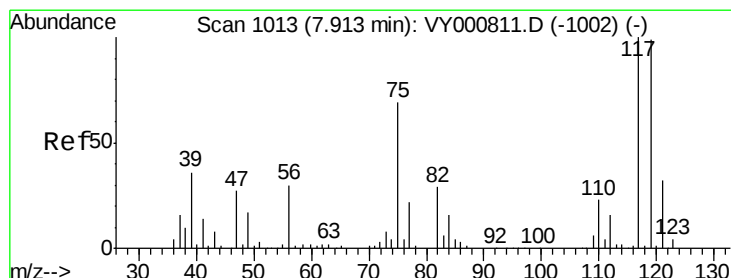
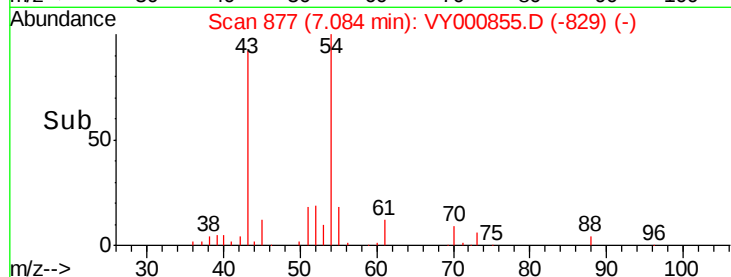
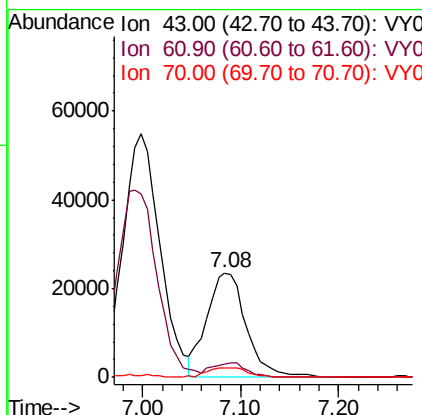
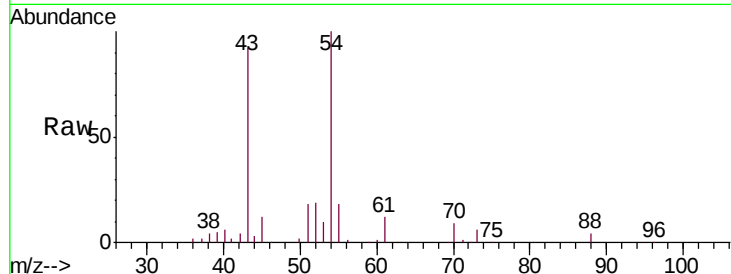




#37
Ethyl Acetate
Concen: 20.381 ug/l
RT: 7.08 min Scan# 877
Delta R.T. -0.01 min
Lab File: VY000855.D
Acq: 04 Dec 2019 12:05

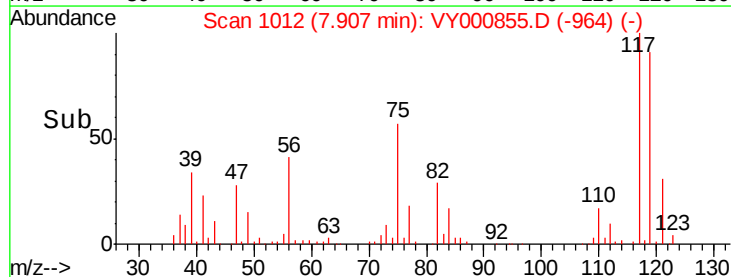
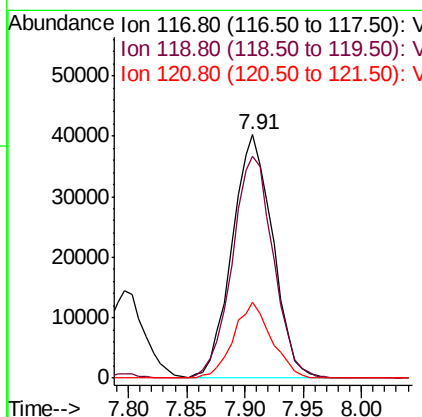
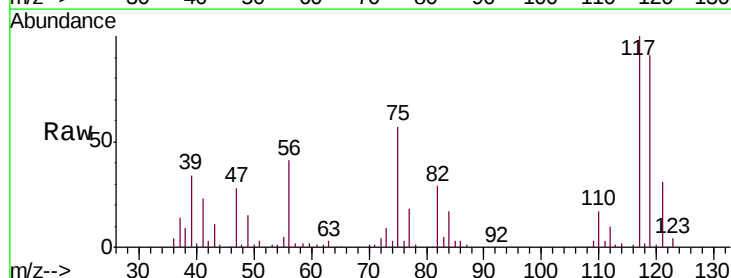
Instrument :
MSVOA_Y
ClientSampleId :
VY1204SBSD01

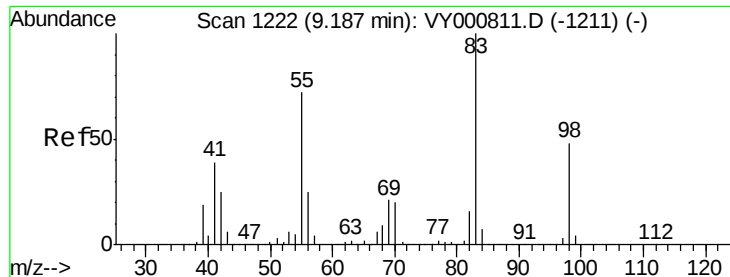
Tgt Ion: 43 Resp: 65833
Ion Ratio Lower Upper
43 100
61 11.7 11.8 17.8#
70 9.8 8.7 13.1



#38
Carbon Tetrachloride
Concen: 19.629 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. -0.01 min
Lab File: VY000855.D
Acq: 04 Dec 2019 12:05

Tgt Ion: 117 Resp: 97791
Ion Ratio Lower Upper
117 100
119 91.3 79.3 118.9
121 31.4 25.5 38.3

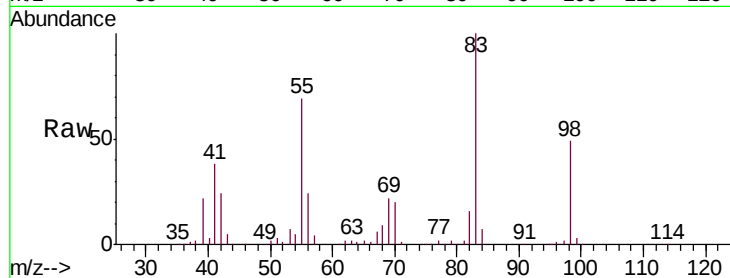




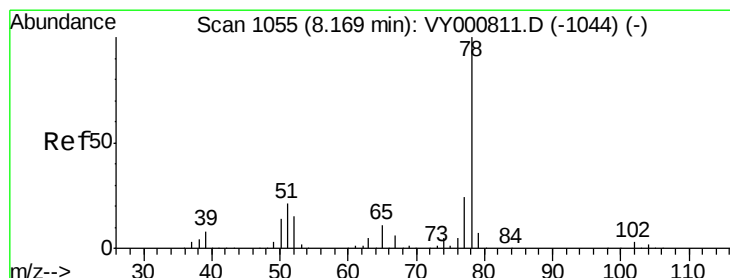
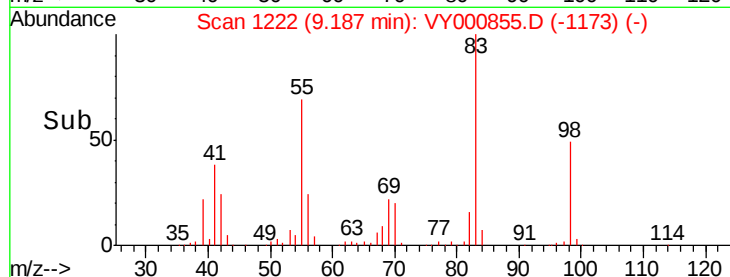
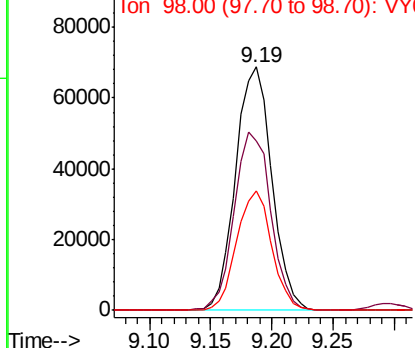
#39
Methylcyclohexane
Concen: 19.097 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.00 min
Lab File: VY000855.D
Acq: 04 Dec 2019 12:05

Instrument :
MSVOA_Y
ClientSampleId :
VY1204SBSD01

Tgt Ion: 83 Resp: 141542
Ion Ratio Lower Upper
83 100
55 69.5 57.8 86.6
98 49.1 38.6 58.0

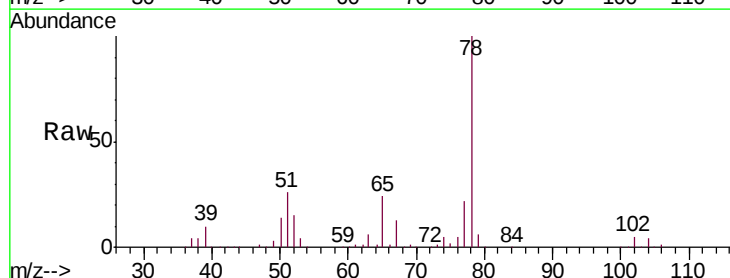


Abundance Ion 83.00 (82.70 to 83.70): VY0
Ion 55.00 (54.70 to 55.70): VY0
Ion 98.00 (97.70 to 98.70): VY0

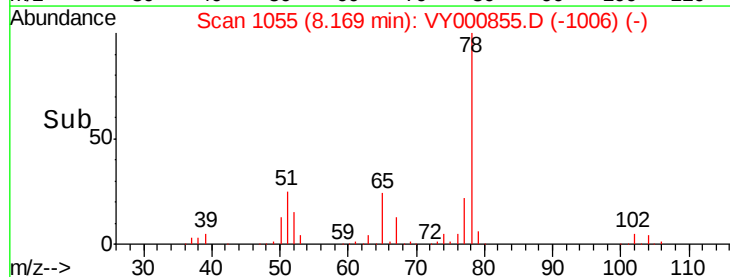
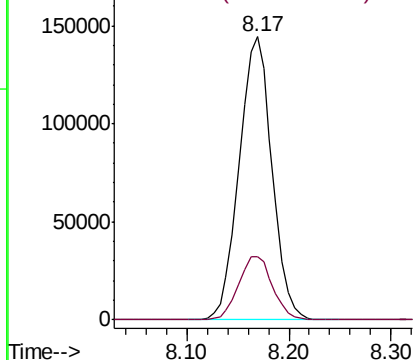


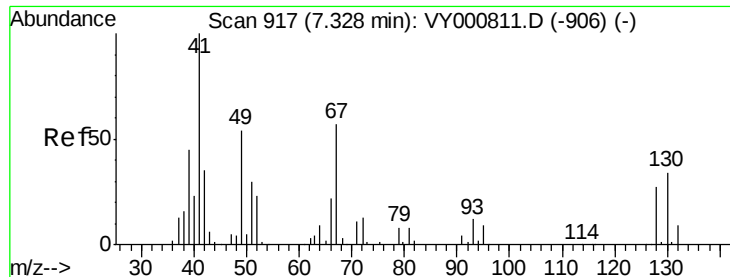
#40
Benzene
Concen: 19.702 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. -0.00 min
Lab File: VY000855.D
Acq: 04 Dec 2019 12:05

Tgt Ion: 78 Resp: 321041
Ion Ratio Lower Upper
78 100
77 22.3 19.2 28.8



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





#41

Methacrylonitrile

Concen: 51.270 ug/l

RT: 7.35 min Scan# 921

Delta R.T. 0.02 min

Lab File: VY000855.D

Acq: 04 Dec 2019 12:05

Instrument :

MSVOA_Y

ClientSampleId :

VY1204SBSD01

Tgt Ion: 41 Resp: 87285

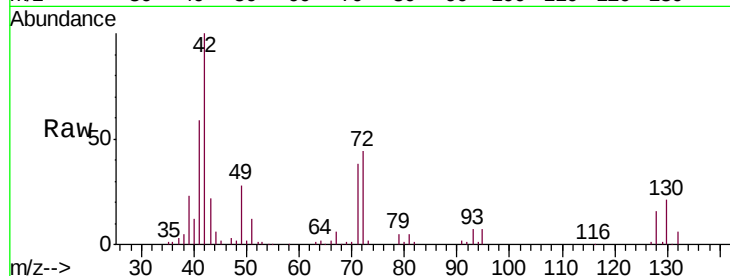
Ion Ratio Lower Upper

41 100

39 43.7 95.7 143.5#

67 0.0 0.0 0.0

52 0.0 0.0 0.0

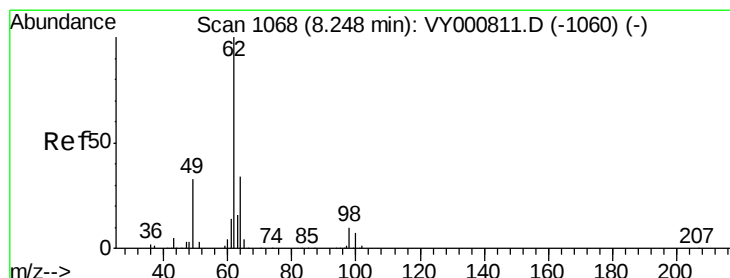
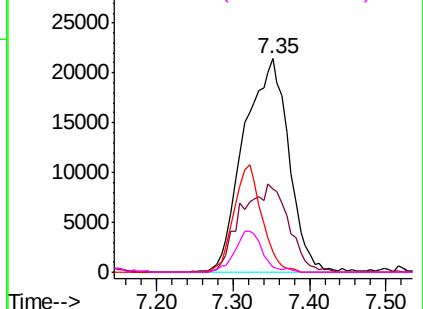
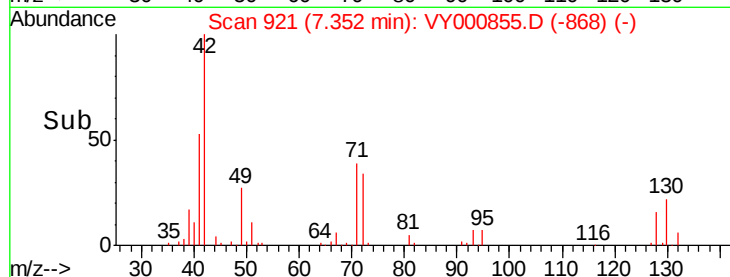


Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 67.00 (66.70 to 67.70): VY0

Ion 52.00 (51.70 to 52.70): VY0



#42

1,2-Dichloroethane

Concen: 19.722 ug/l

RT: 8.24 min Scan# 1067

Delta R.T. -0.01 min

Lab File: VY000855.D

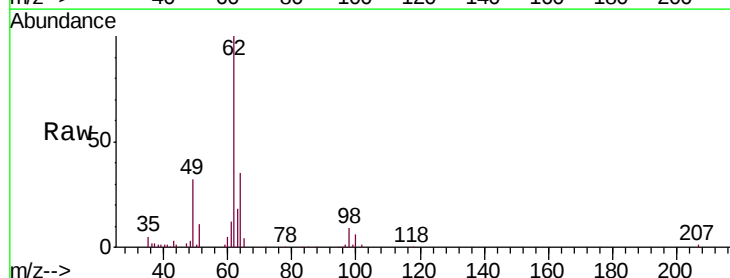
Acq: 04 Dec 2019 12:05

Tgt Ion: 62 Resp: 84517

Ion Ratio Lower Upper

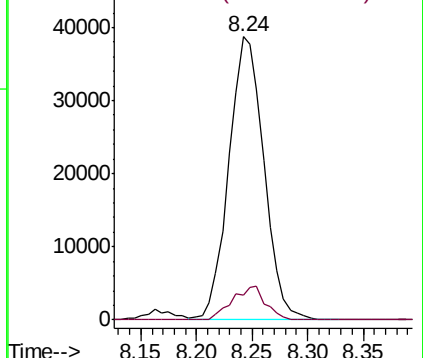
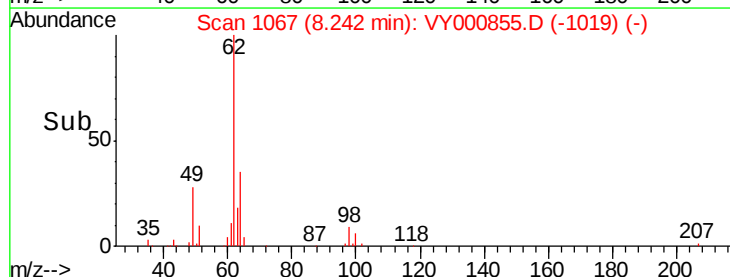
62 100

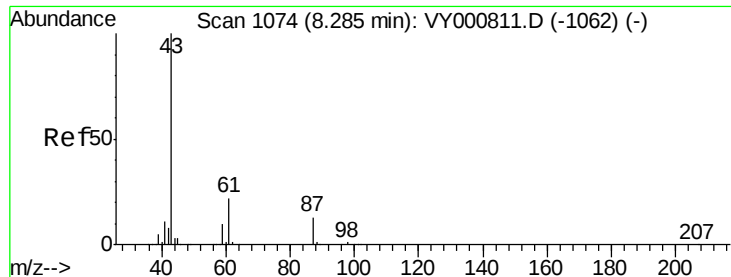
98 11.3 0.0 21.4



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 97.90 (97.60 to 98.60): VY0





#43

Isopropyl Acetate

Concen: 19.018 ug/l

RT: 8.28 min Scan# 1073

Delta R.T. -0.01 min

Lab File: VY000855.D

Acq: 04 Dec 2019 12:05

Instrument :

MSVOA_Y

ClientSampleId :

VY1204SBS01

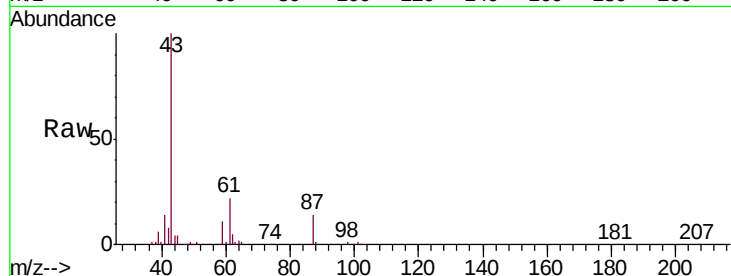
Tgt Ion: 43 Resp: 115766

Ion Ratio Lower Upper

43 100

61 29.8 23.7 35.5

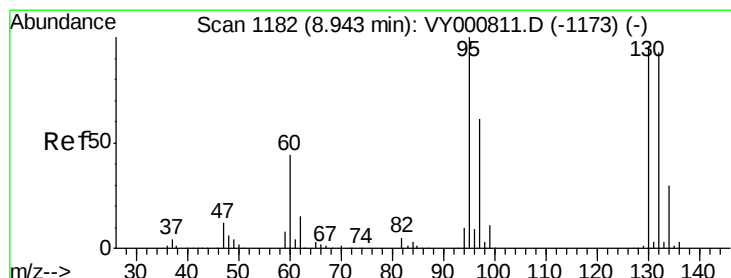
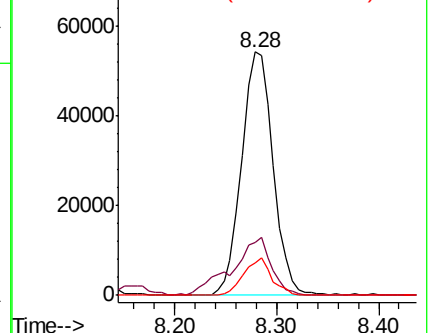
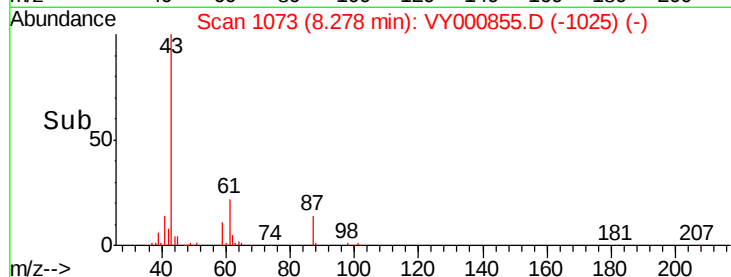
87 13.6 10.6 15.8



Abundance Ion 43.00 (42.70 to 43.70): VY000811.D (-1062) (-)

Ion 61.00 (60.70 to 61.70): VY000811.D (-1062) (-)

Ion 87.00 (86.70 to 87.70): VY000811.D (-1062) (-)



#44

Trichloroethene

Concen: 20.048 ug/l

RT: 8.94 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VY000855.D

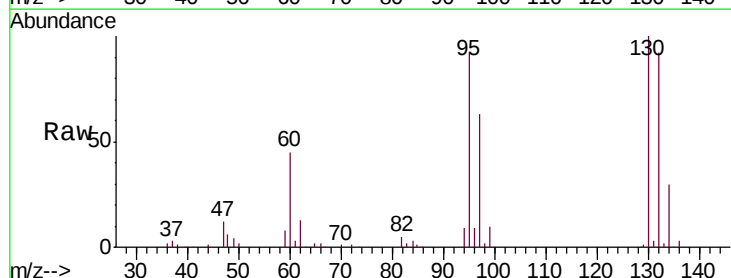
Acq: 04 Dec 2019 12:05

Tgt Ion: 130 Resp: 83958

Ion Ratio Lower Upper

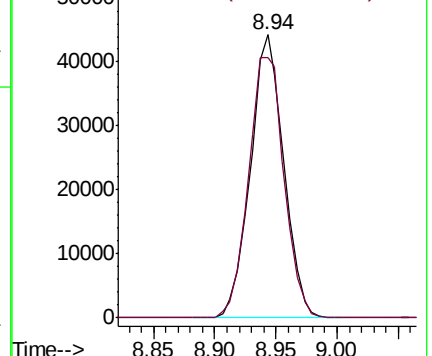
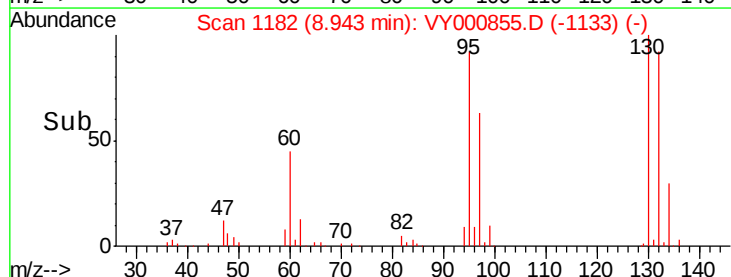
130 100

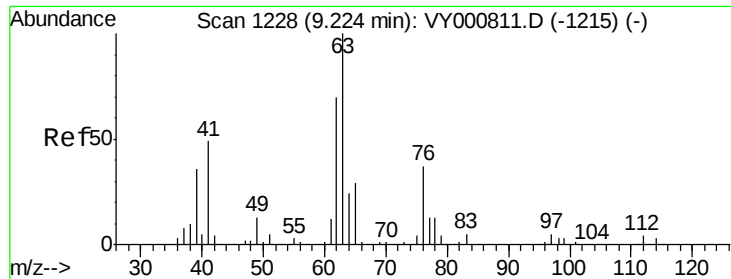
95 91.8 0.0 207.8



Abundance Ion 129.80 (129.50 to 130.50): VY000811.D (-1173) (-)

Ion 94.90 (94.60 to 95.60): VY000811.D (-1173) (-)

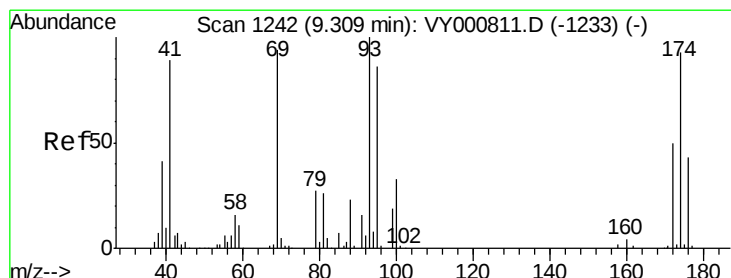
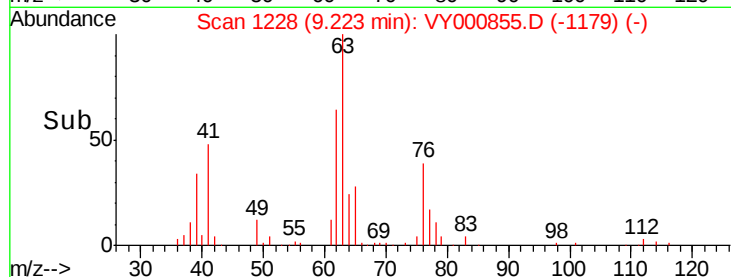
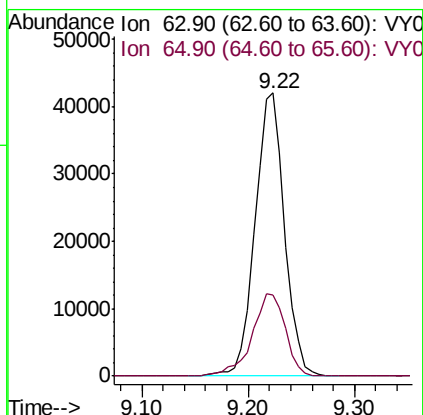
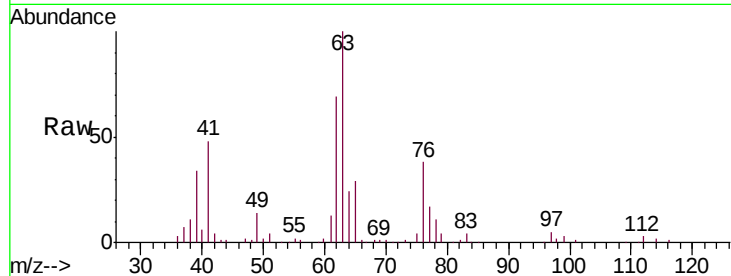




#45
 1,2-Dichloropropane
 Concen: 19.876 ug/l
 RT: 9.22 min Scan# 1228
 Delta R.T. -0.00 min
 Lab File: VY000855.D
 Acq: 04 Dec 2019 12:05

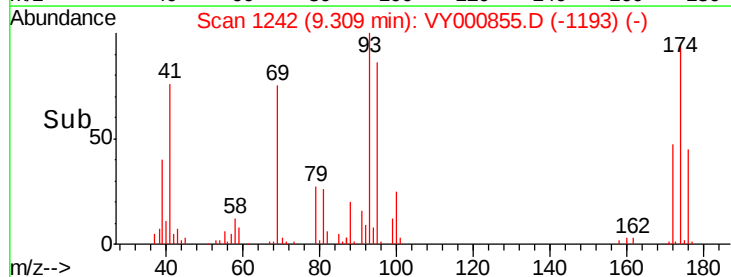
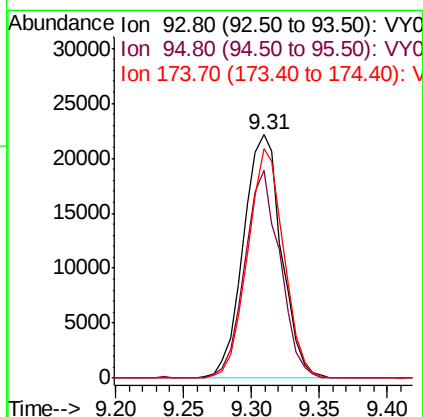
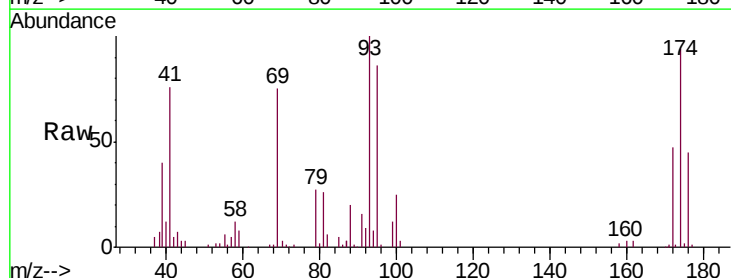
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1204SBSD01

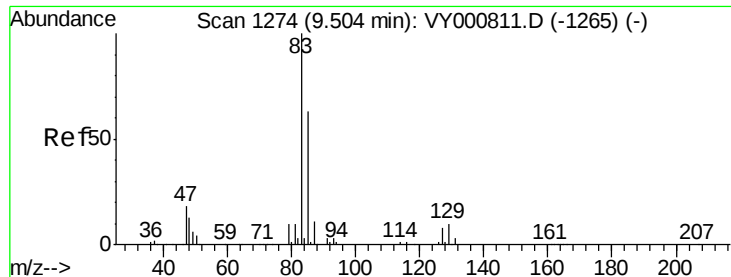
Tgt Ion: 63 Resp: 81353
 Ion Ratio Lower Upper
 63 100
 65 28.8 23.2 34.8



#46
 Dibromomethane
 Concen: 20.304 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. -0.00 min
 Lab File: VY000855.D
 Acq: 04 Dec 2019 12:05

Tgt Ion: 93 Resp: 43421
 Ion Ratio Lower Upper
 93 100
 95 79.0 66.4 99.6
 174 89.4 73.0 109.6





#47

Bromodichloromethane

Concen: 19.469 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. -0.01 min

Lab File: VY000855.D

Acq: 04 Dec 2019 12:05

Instrument :

MSVOA_Y

ClientSampleId :

VY1204SBSD01

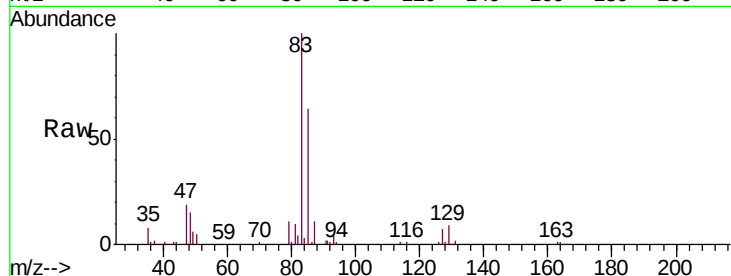
Tgt Ion: 83 Resp: 97808

Ion Ratio Lower Upper

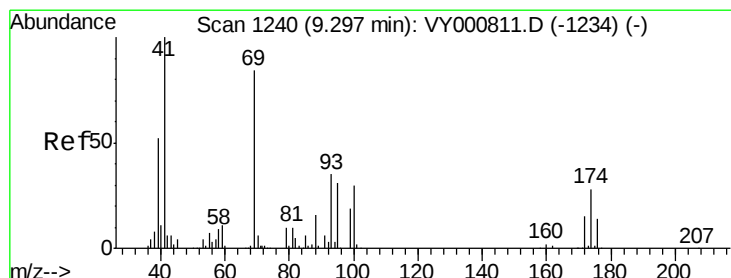
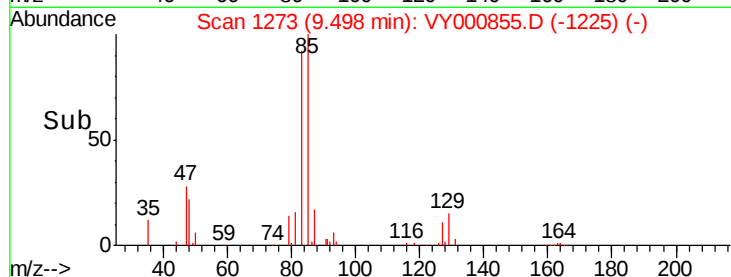
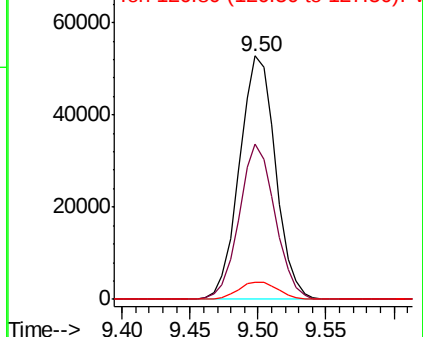
83 100

85 63.8 50.8 76.2

127 6.8 6.6 10.0



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



#48

Methyl methacrylate

Concen: 20.086 ug/l

RT: 9.29 min Scan# 1239

Delta R.T. -0.01 min

Lab File: VY000855.D

Acq: 04 Dec 2019 12:05

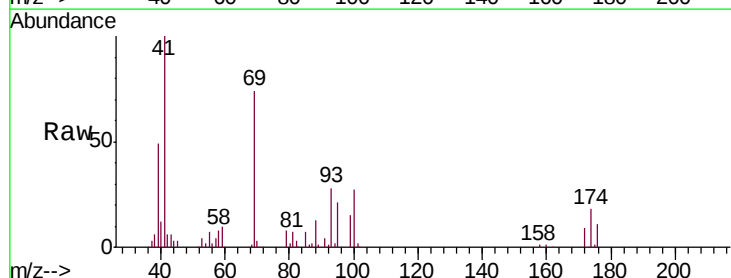
Tgt Ion: 41 Resp: 53764

Ion Ratio Lower Upper

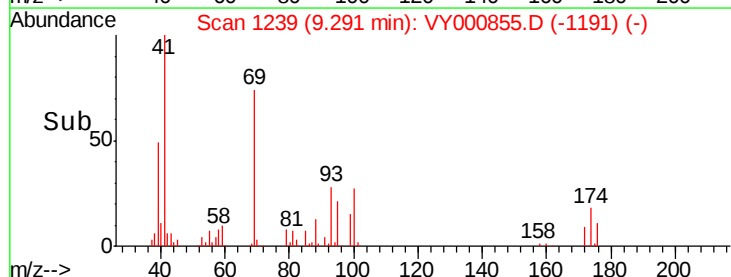
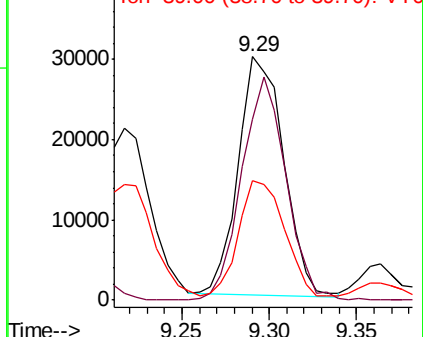
41 100

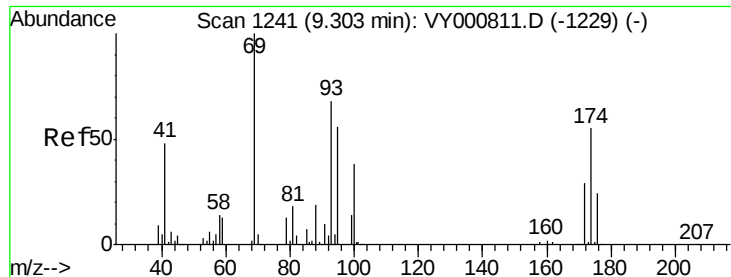
69 91.3 70.4 105.6

39 52.5 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

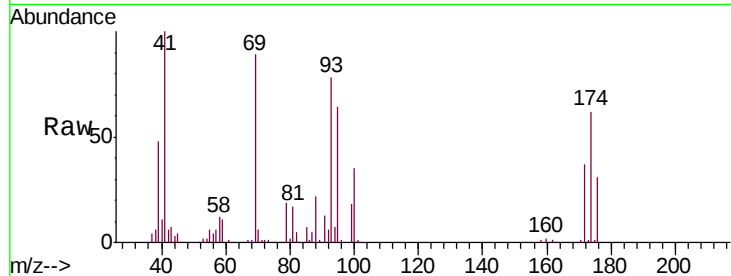




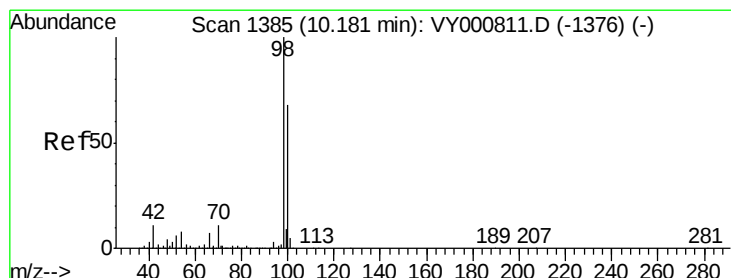
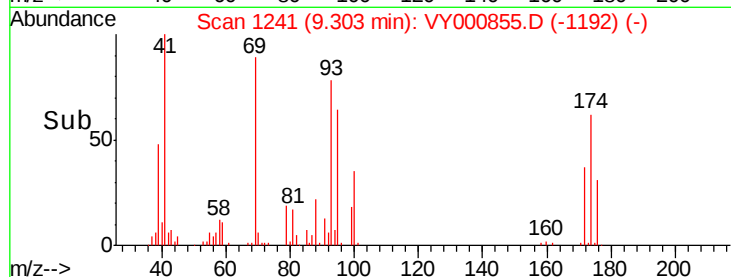
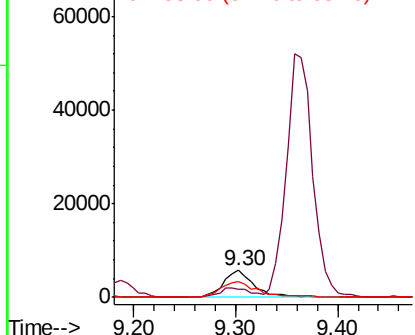
#49
1,4-Dioxane
Concen: 401.627 ug/l
RT: 9.30 min Scan# 1241
Delta R.T. -0.00 min
Lab File: VY000855.D
Acq: 04 Dec 2019 12:05

Instrument :
MSVOA_Y
ClientSampleId :
VY1204SBSD01

Tgt Ion: 88 Resp: 12170
Ion Ratio Lower Upper
88 100
43 35.7 21.1 31.7#
58 67.0 50.7 76.1

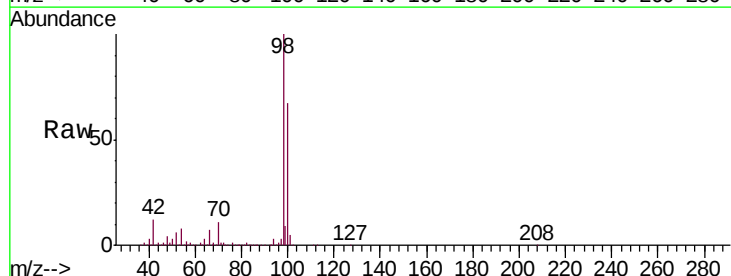


Abundance Ion 88.00 (87.70 to 88.70): VY0
Ion 43.00 (42.70 to 43.70): VY0
Ion 58.00 (57.70 to 58.70): VY0

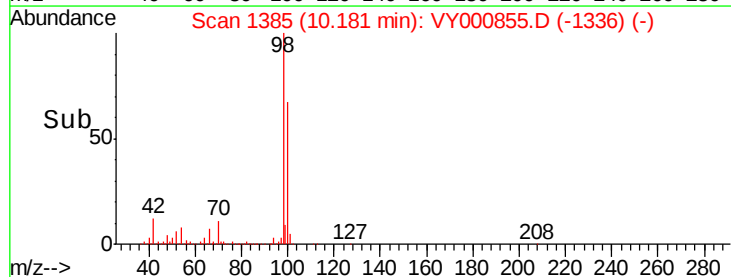
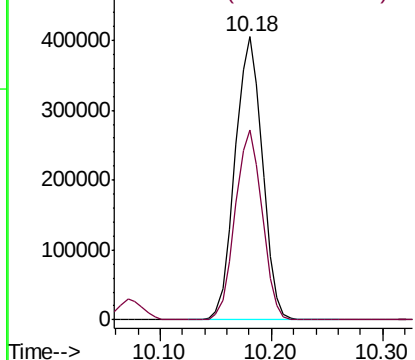


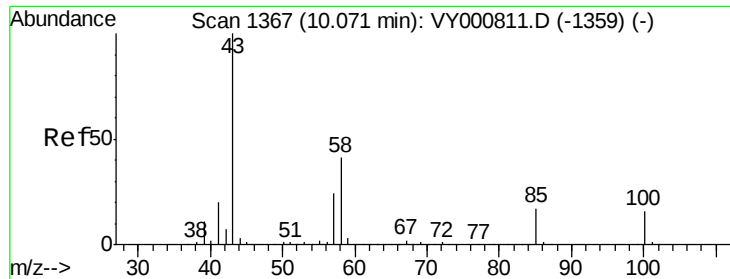
#50
Toluene-d8
Concen: 52.466 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VY000855.D
Acq: 04 Dec 2019 12:05

Tgt Ion: 98 Resp: 687793
Ion Ratio Lower Upper
98 100
100 66.2 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: 101.507 ug/l

RT: 10.07 min Scan# 1367

Delta R.T. -0.00 min

Lab File: VY000855.D

Acq: 04 Dec 2019 12:05

Instrument :

MSVOA_Y

ClientSampleId :

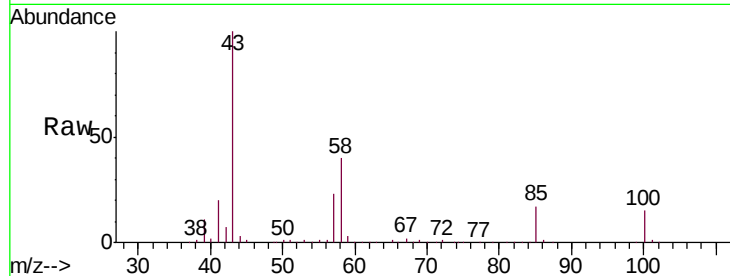
VY1204SBS01

Tgt Ion: 43 Resp: 319250

Ion Ratio Lower Upper

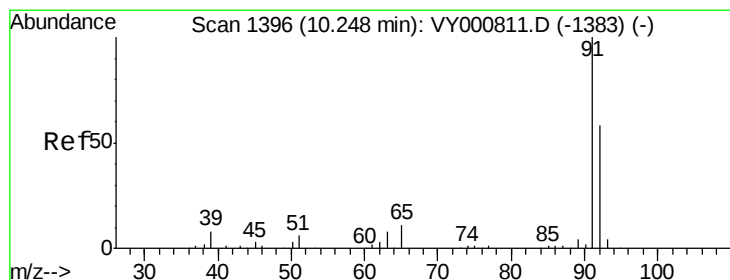
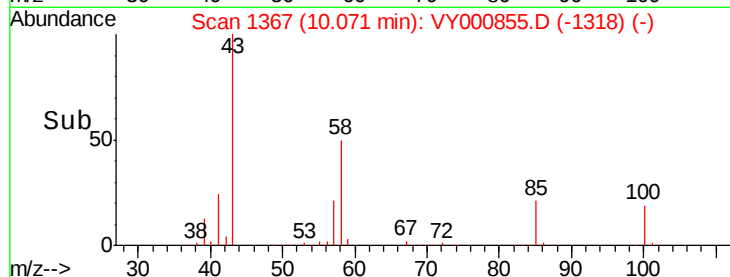
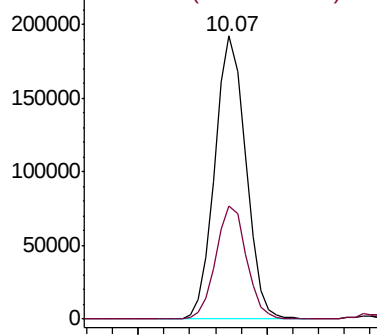
43 100

58 39.6 33.1 49.7



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0



#52

Toluene

Concen: 19.800 ug/l

RT: 10.24 min Scan# 1395

Delta R.T. -0.01 min

Lab File: VY000855.D

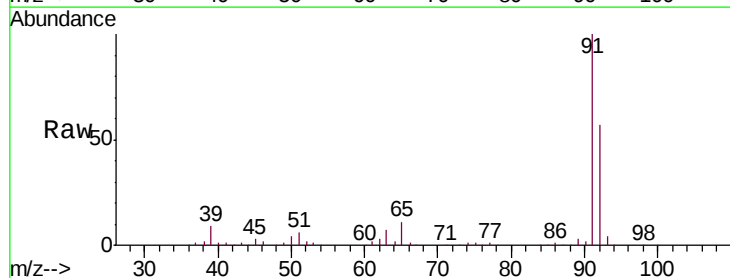
Acq: 04 Dec 2019 12:05

Tgt Ion: 92 Resp: 199764

Ion Ratio Lower Upper

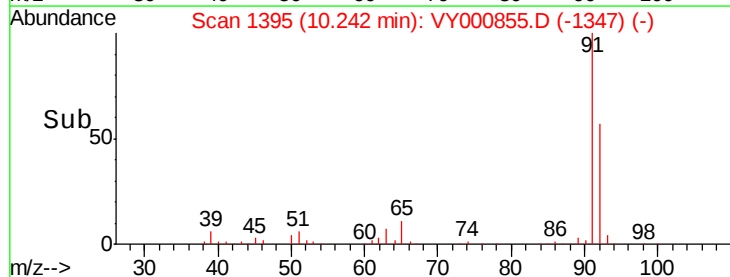
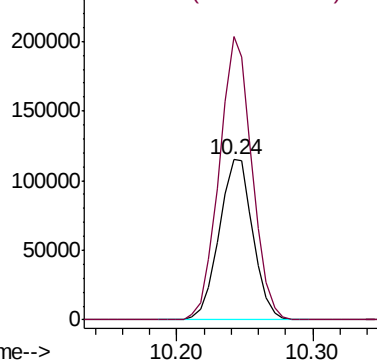
92 100

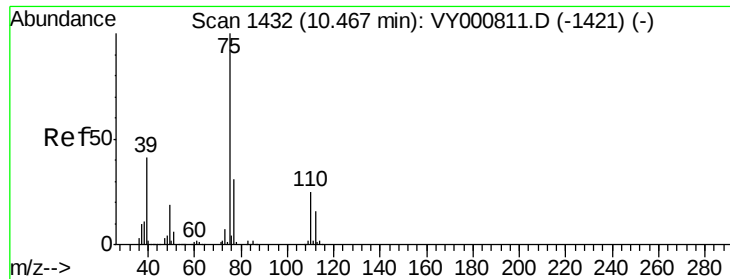
91 171.8 136.6 204.8



Abundance Ion 92.00 (91.70 to 92.70): VY0

Ion 91.00 (90.70 to 91.70): VY0





#53

t-1,3-Dichloropropene

Concen: 19.651 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VY000855.D

Acq: 04 Dec 2019 12:05

Instrument :

MSVOA_Y

ClientSampleId :

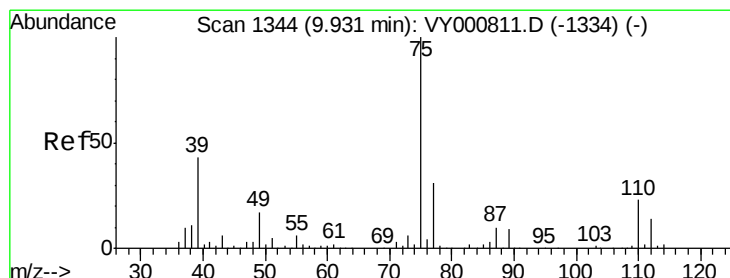
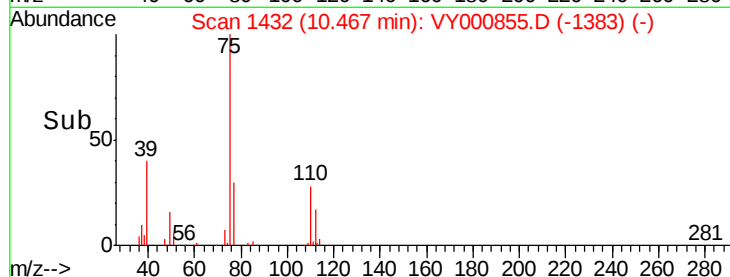
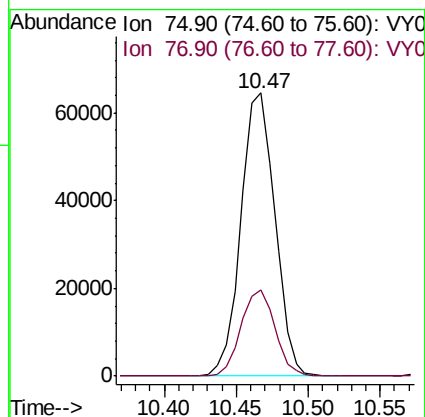
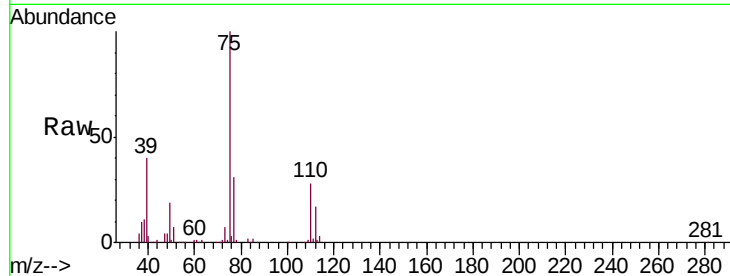
VY1204SBS01

Tgt Ion: 75 Resp: 106065

Ion Ratio Lower Upper

75 100

77 30.4 25.1 37.7



#54

cis-1,3-Dichloropropene

Concen: 19.797 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. -0.00 min

Lab File: VY000855.D

Acq: 04 Dec 2019 12:05

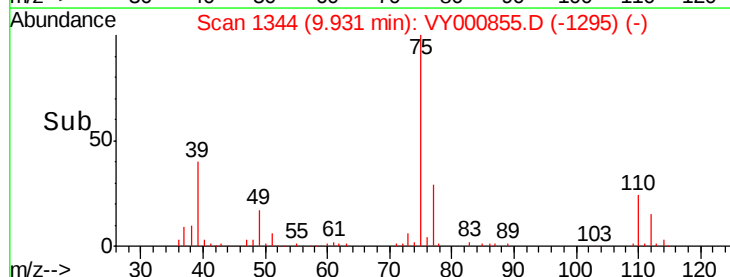
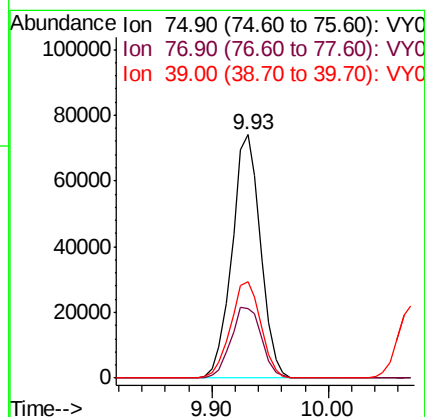
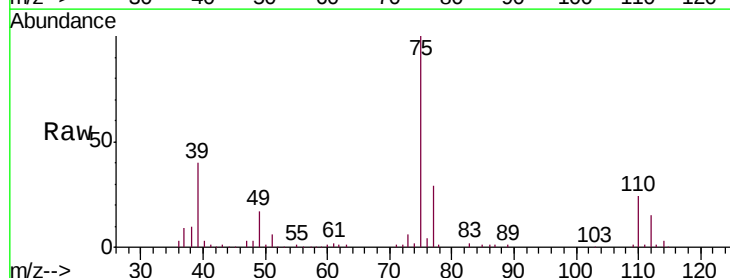
Tgt Ion: 75 Resp: 126297

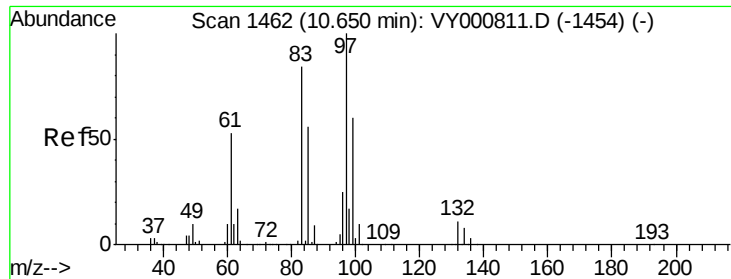
Ion Ratio Lower Upper

75 100

77 28.8 24.7 37.1

39 39.8 34.5 51.7





#55

1,1,2-Trichloroethane

Concen: 19.822 ug/l

RT: 10.64 min Scan# 1461

Delta R.T. -0.01 min

Lab File: VY000855.D

Acq: 04 Dec 2019 12:05

Instrument :

MSVOA_Y

ClientSampleId :

VY1204SBSD01

Tgt Ion: 97 Resp: 62630

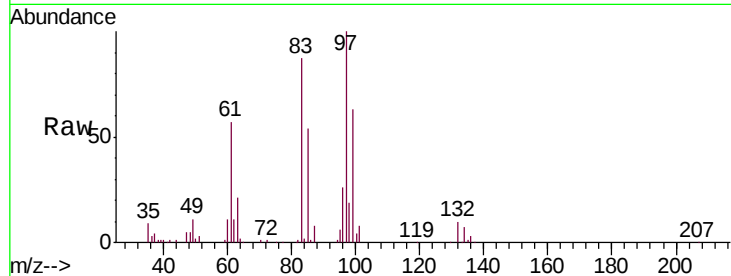
Ion Ratio Lower Upper

97 100

83 87.5 67.5 101.3

85 53.6 44.5 66.7

99 63.4 47.7 71.5

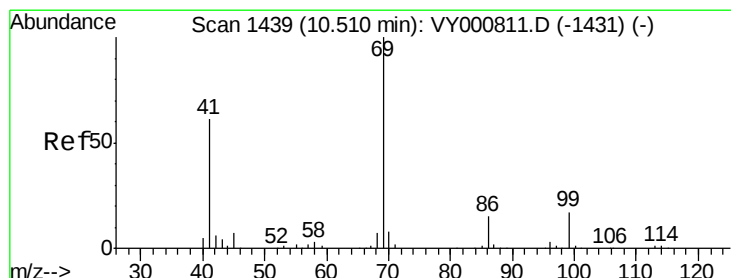
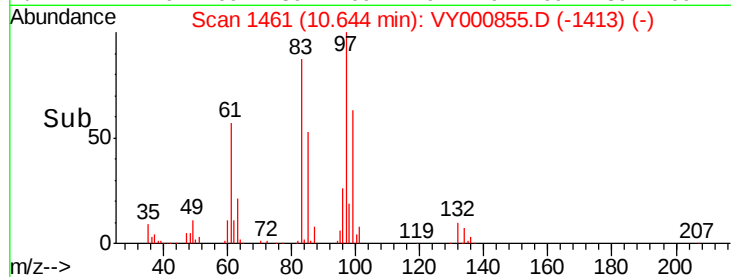
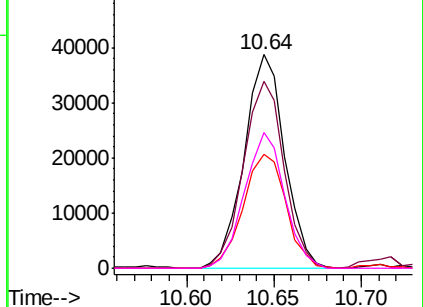


Abundance Ion 96.90 (96.60 to 97.60): VY0

Ion 82.90 (82.60 to 83.60): VY0

Ion 84.90 (84.60 to 85.60): VY0

Ion 98.90 (98.60 to 99.60): VY0



#56

Ethyl methacrylate

Concen: 19.960 ug/l

RT: 10.51 min Scan# 1439

Delta R.T. -0.00 min

Lab File: VY000855.D

Acq: 04 Dec 2019 12:05

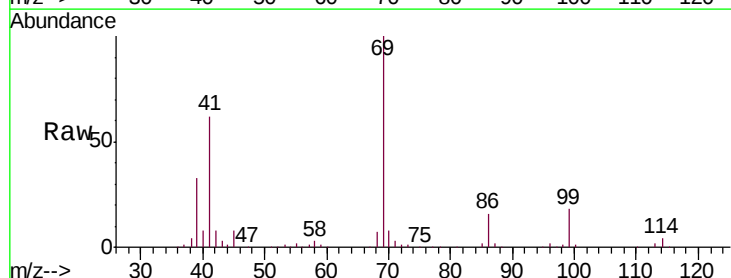
Tgt Ion: 69 Resp: 90215

Ion Ratio Lower Upper

69 100

41 62.7 49.0 73.6

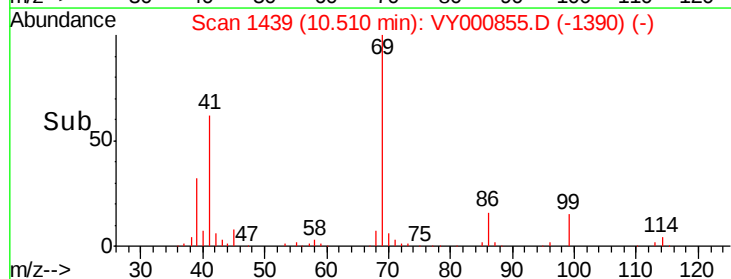
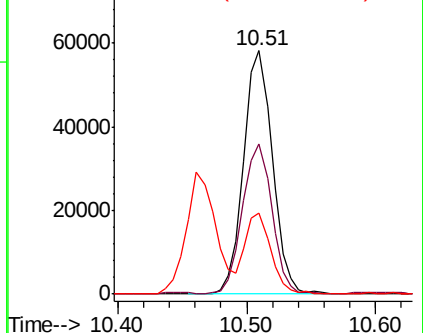
39 29.5 23.1 34.7

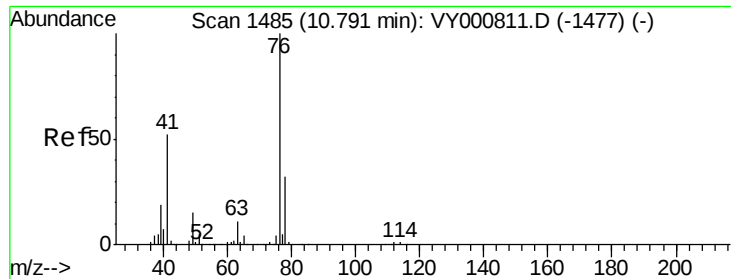


Abundance Ion 69.00 (68.70 to 69.70): VY0

Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

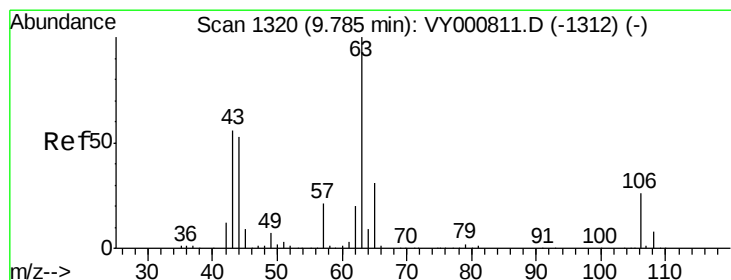
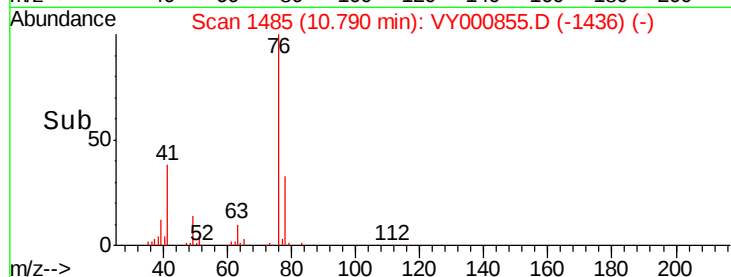
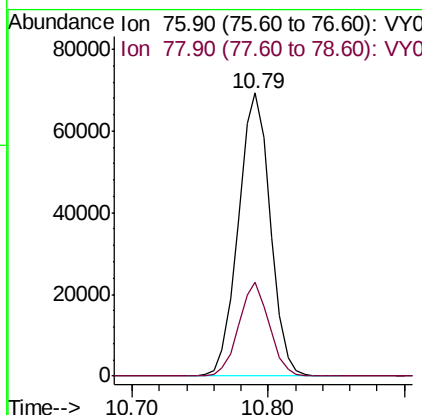
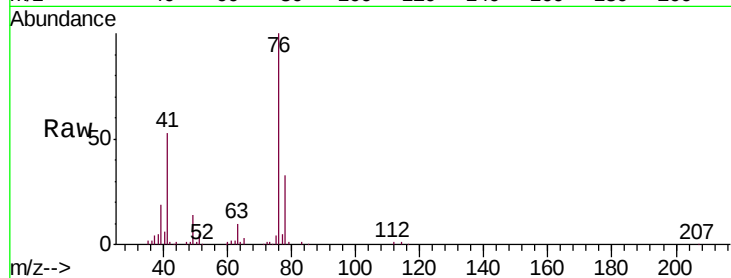




#57
 1,3-Dichloropropane
 Concen: 20.562 ug/l
 RT: 10.79 min Scan# 1485
 Delta R.T. -0.00 min
 Lab File: VY000855.D
 Acq: 04 Dec 2019 12:05

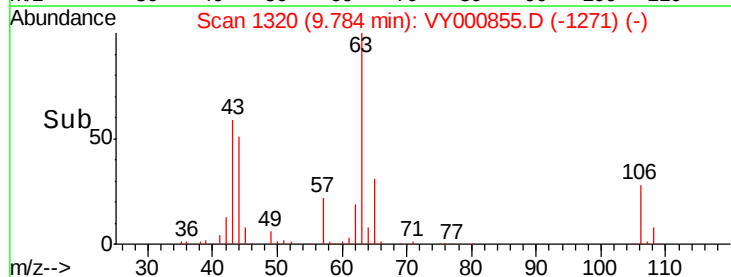
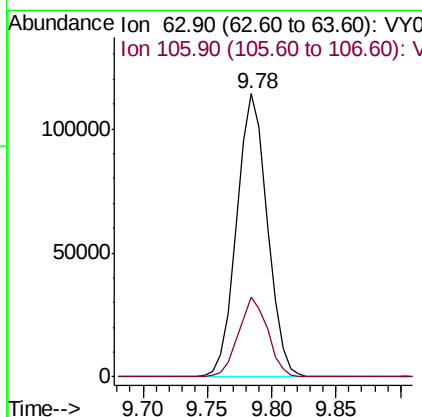
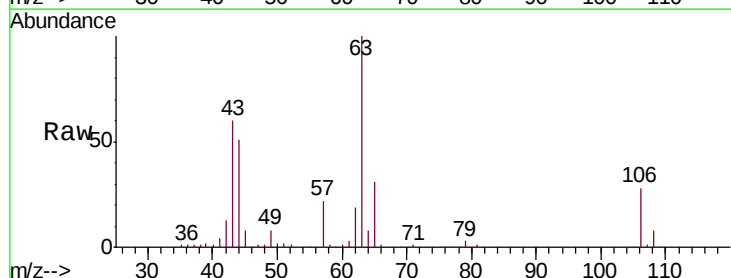
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1204SBS01

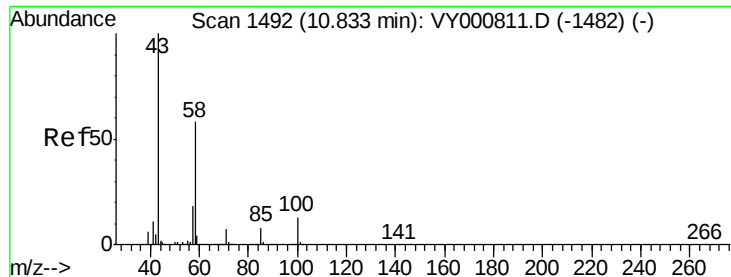
Tgt Ion: 76 Resp: 113231
 Ion Ratio Lower Upper
 76 100
 78 31.5 26.4 39.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 103.246 ug/l
 RT: 9.78 min Scan# 1320
 Delta R.T. -0.00 min
 Lab File: VY000855.D
 Acq: 04 Dec 2019 12:05

Tgt Ion: 63 Resp: 188163
 Ion Ratio Lower Upper
 63 100
 106 26.9 21.5 32.3

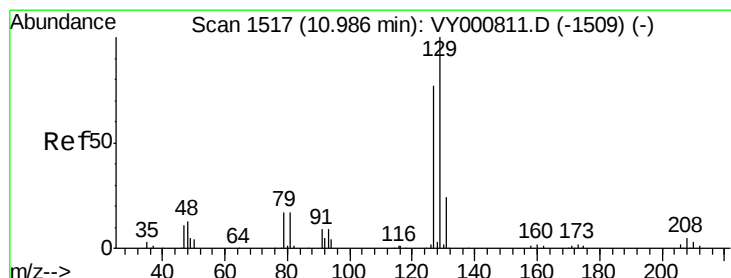
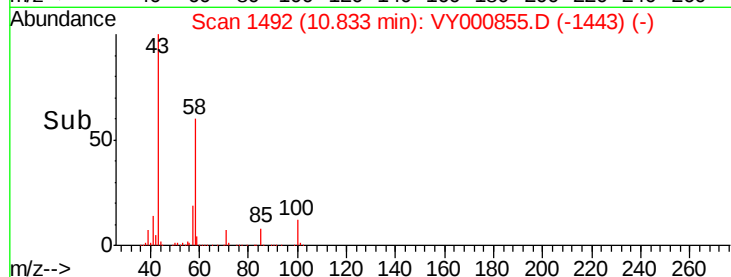
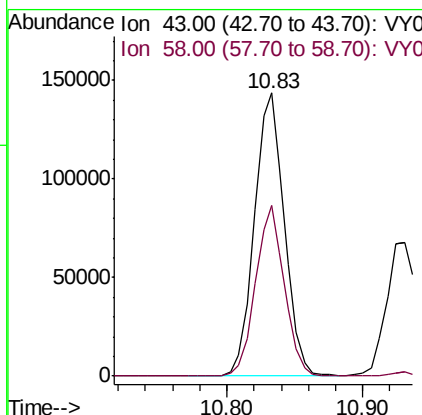
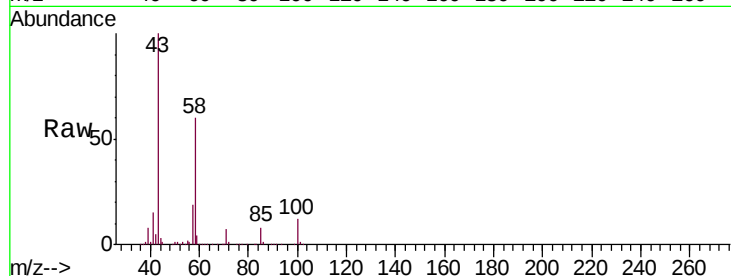




#59
2-Hexanone
Concen: 96.800 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VY000855.D
Acq: 04 Dec 2019 12:05

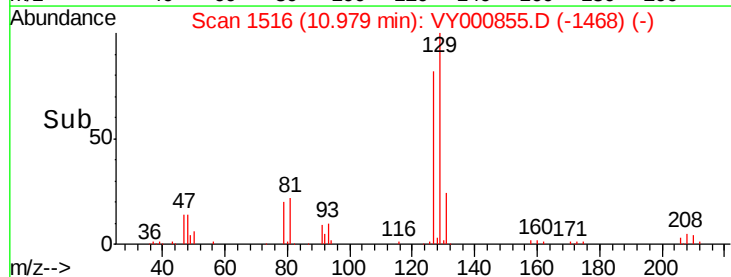
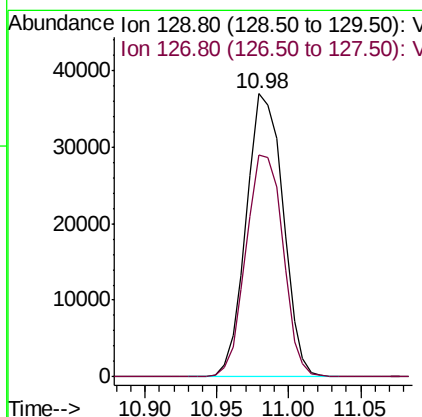
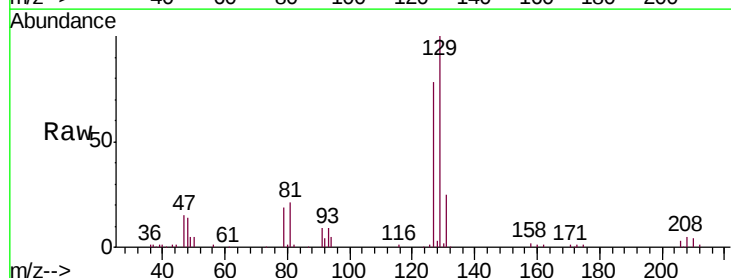
Instrument :
MSVOA_Y
ClientSampleId :
VY1204SBS01

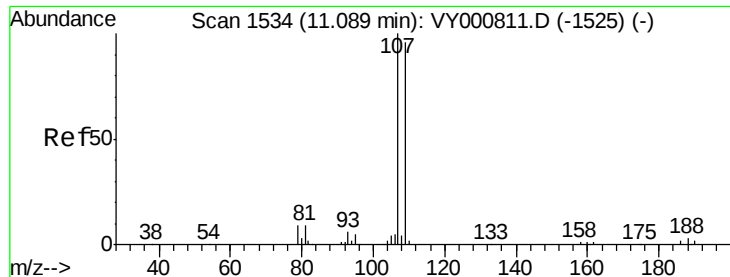
Tgt Ion: 43 Resp: 221842
Ion Ratio Lower Upper
43 100
58 58.1 29.0 87.1



#60
Dibromochloromethane
Concen: 19.262 ug/l
RT: 10.98 min Scan# 1516
Delta R.T. -0.01 min
Lab File: VY000855.D
Acq: 04 Dec 2019 12:05

Tgt Ion: 129 Resp: 65515
Ion Ratio Lower Upper
129 100
127 78.5 39.1 117.2

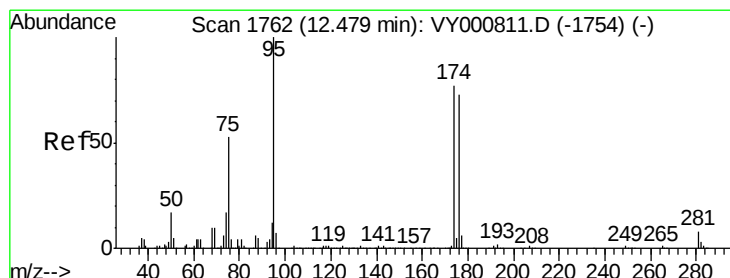
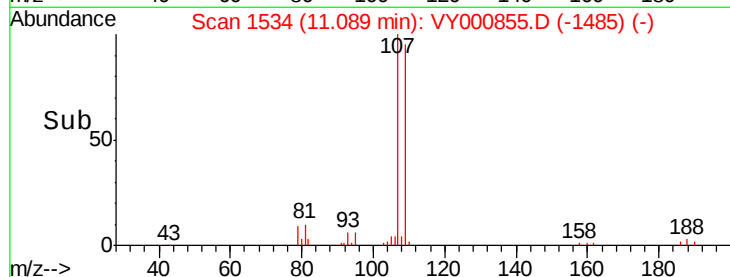
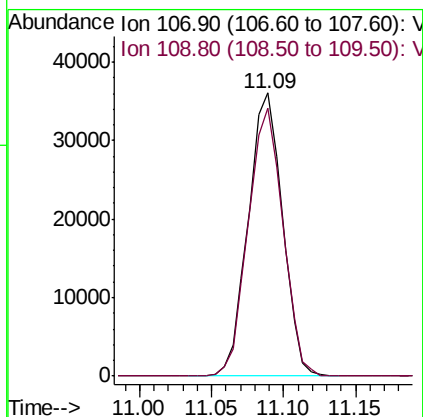
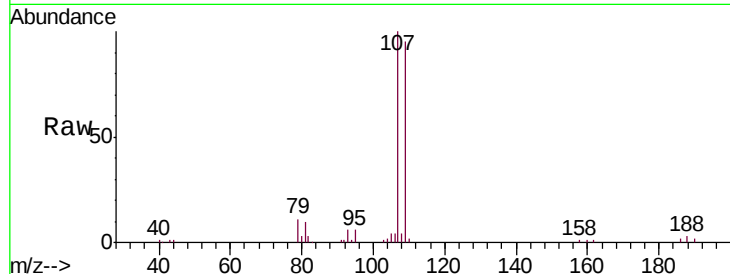




#61
 1,2-Dibromoethane
 Concen: 19.897 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. -0.00 min
 Lab File: VY000855.D
 Acq: 04 Dec 2019 12:05

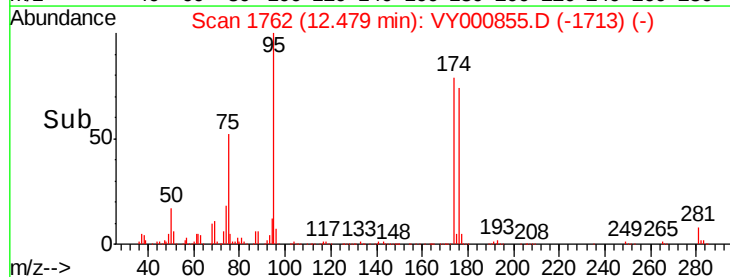
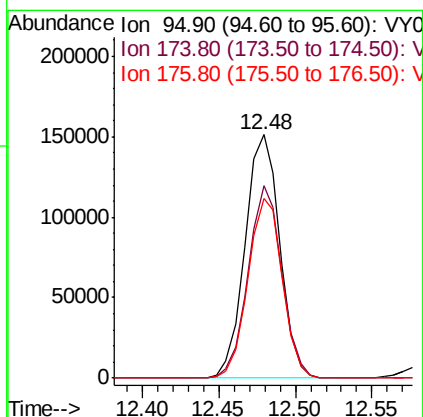
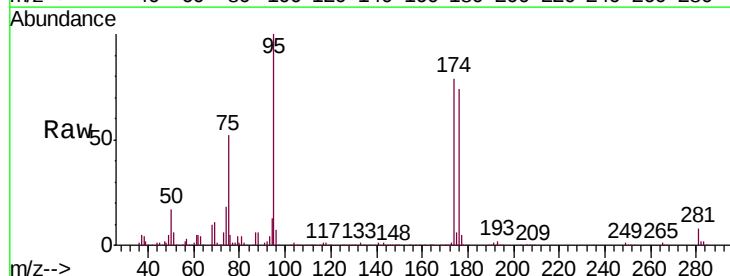
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1204SBSD01

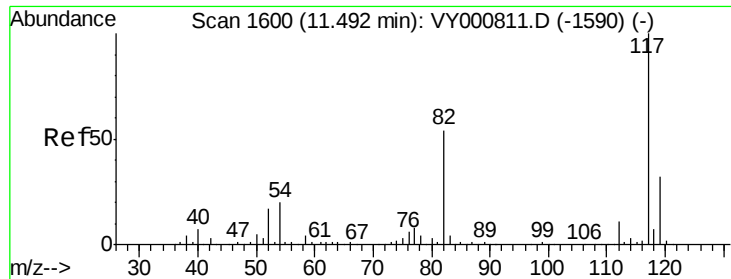
Tgt Ion: 107 Resp: 59248
 Ion Ratio Lower Upper
 107 100
 109 95.9 75.9 113.9



#62
 4-Bromofluorobenzene
 Concen: 48.367 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. -0.00 min
 Lab File: VY000855.D
 Acq: 04 Dec 2019 12:05

Tgt Ion: 95 Resp: 238119
 Ion Ratio Lower Upper
 95 100
 174 76.7 0.0 150.6
 176 73.2 0.0 145.2

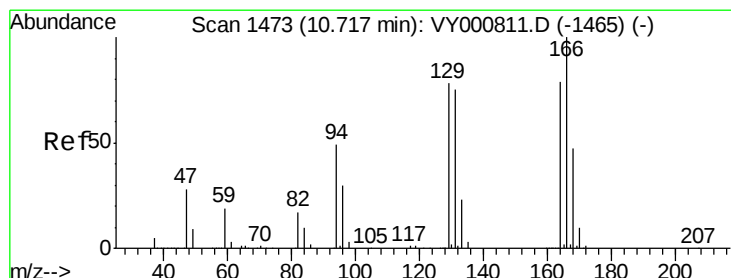
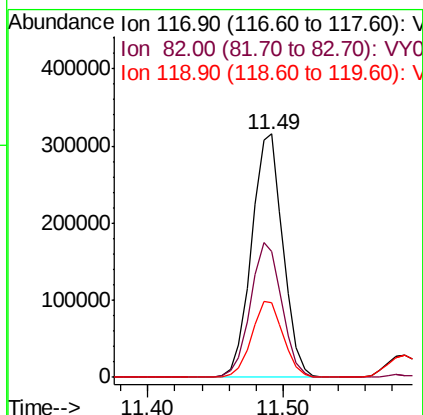
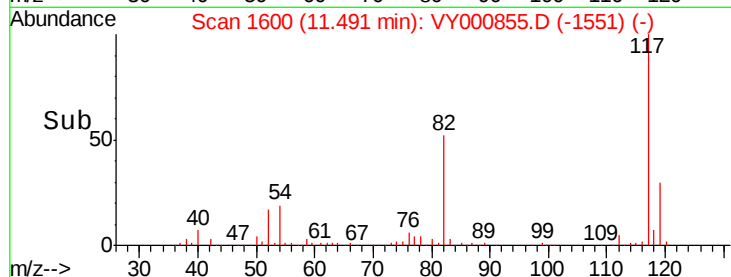
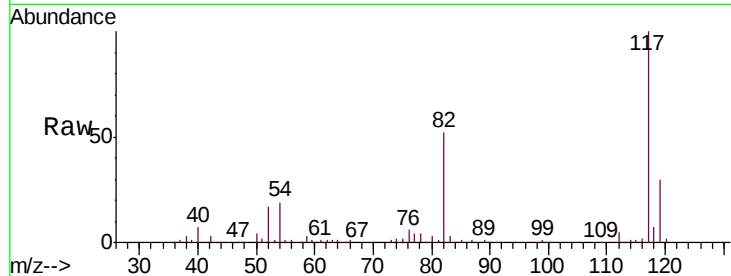




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY000855.D
Acq: 04 Dec 2019 12:05

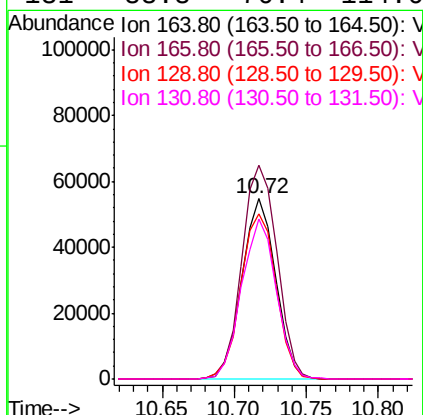
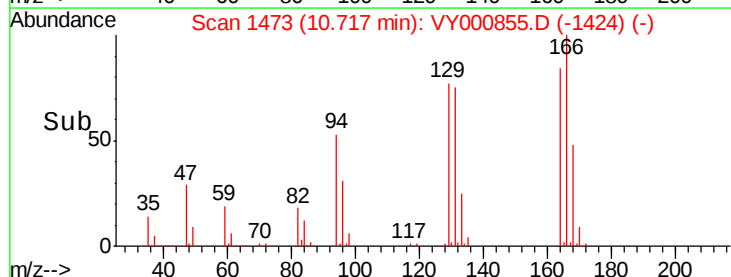
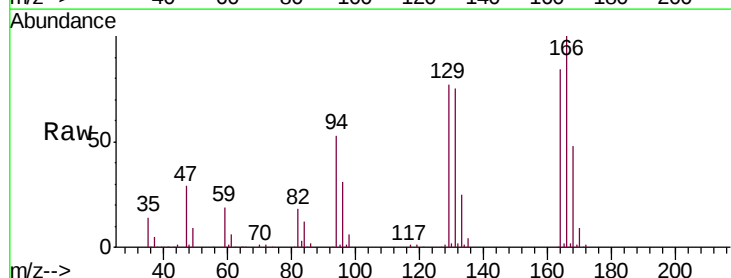
Instrument :
MSVOA_Y
ClientSampleId :
VY1204SBS01

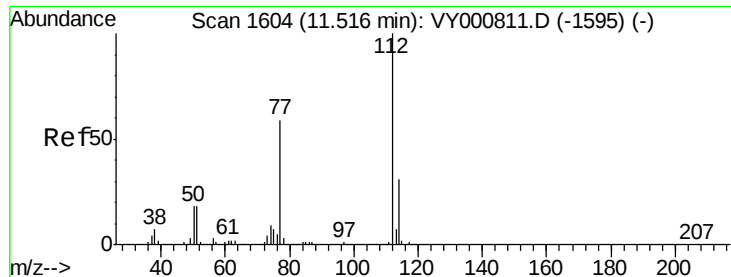
Tgt Ion:117 Resp: 509862
Ion Ratio Lower Upper
117 100
82 51.6 43.1 64.7
119 30.4 25.3 37.9



#64
Tetrachloroethene
Concen: 20.102 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VY000855.D
Acq: 04 Dec 2019 12:05

Tgt Ion:164 Resp: 89046
Ion Ratio Lower Upper
164 100
166 118.4 101.8 152.8
129 91.6 79.3 118.9
131 88.8 76.4 114.6





#65

Chlorobenzene

Concen: 19.541 ug/l

RT: 11.52 min Scan# 1604

Delta R.T. -0.00 min

Lab File: VY000855.D

Acq: 04 Dec 2019 12:05

Instrument :

MSVOA_Y

ClientSampleId :

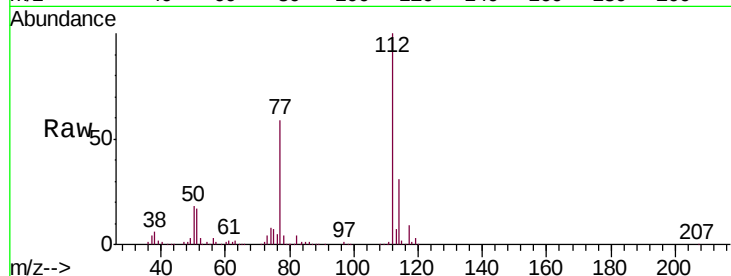
VY1204SBSD01

Tgt Ion:112 Resp: 207100

Ion Ratio Lower Upper

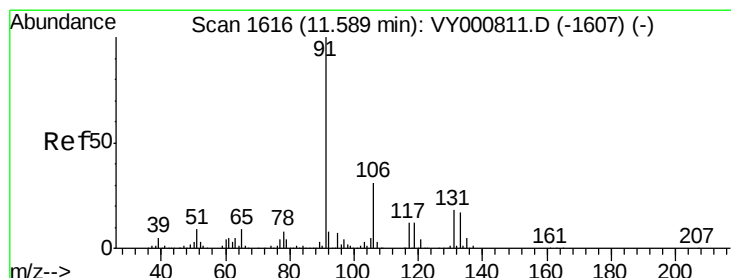
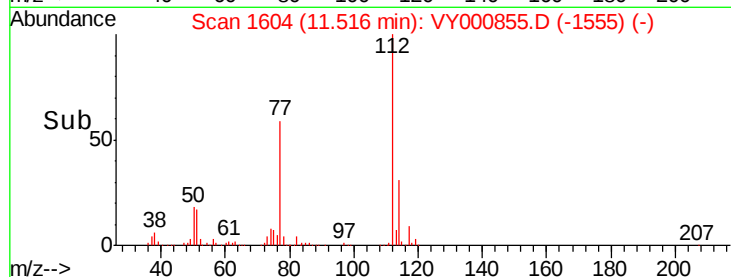
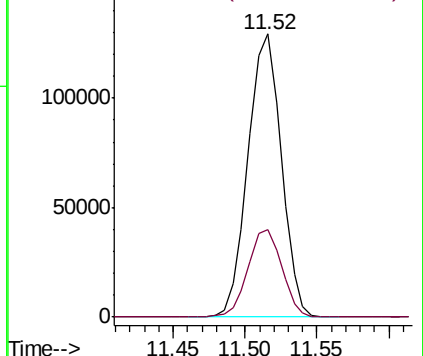
112 100

114 30.9 25.1 37.7



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 19.373 ug/l

RT: 11.59 min Scan# 1616

Delta R.T. -0.00 min

Lab File: VY000855.D

Acq: 04 Dec 2019 12:05

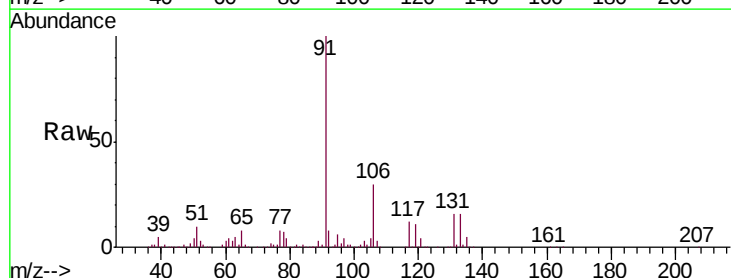
Tgt Ion:131 Resp: 69192

Ion Ratio Lower Upper

131 100

133 93.9 47.4 142.2

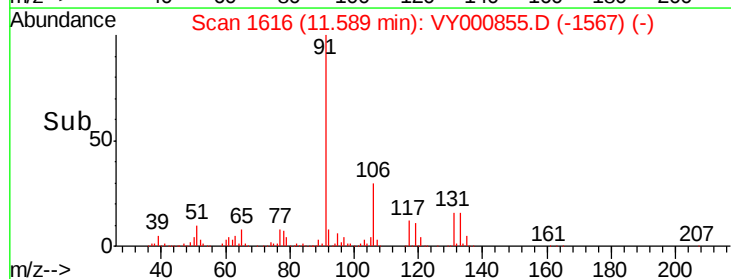
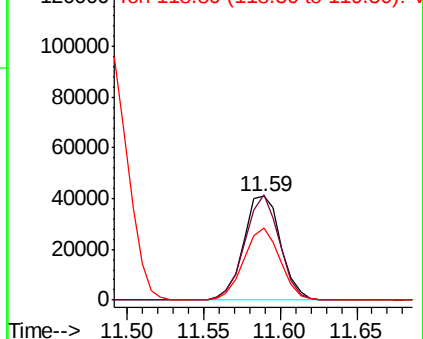
119 67.8 33.8 101.3

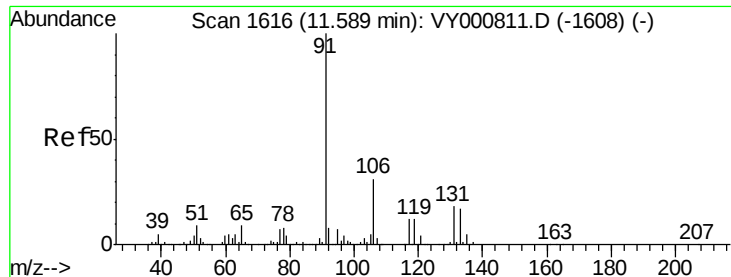


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

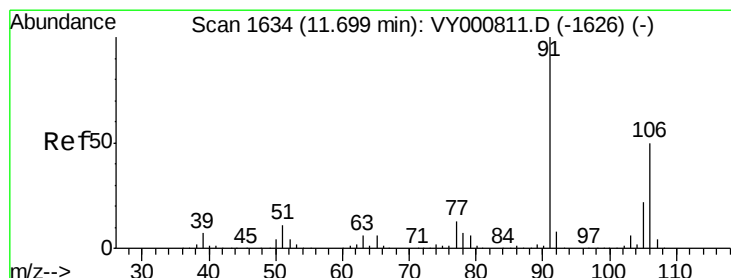
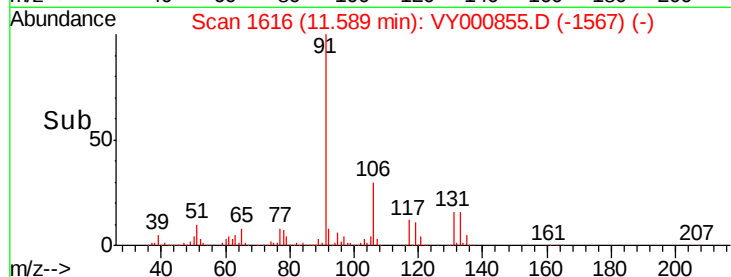
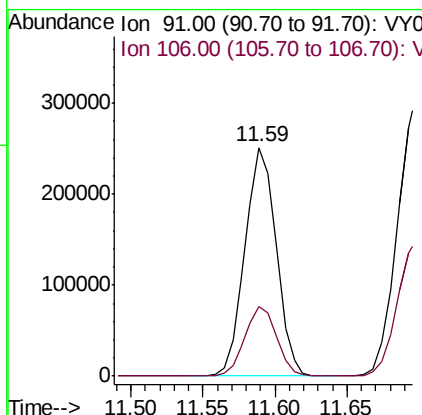
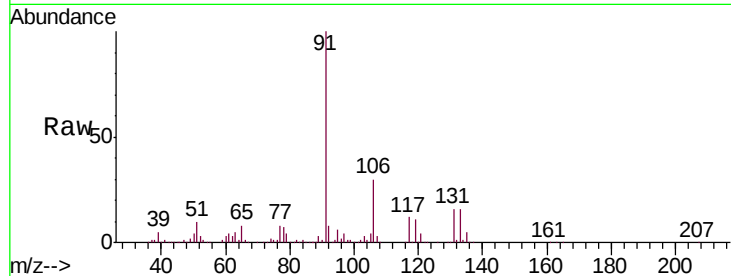




#67
Ethyl Benzene
Concen: 19.149 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.00 min
Lab File: VY000855.D
Acq: 04 Dec 2019 12:05

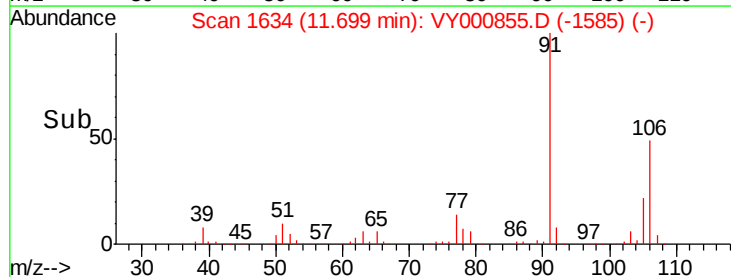
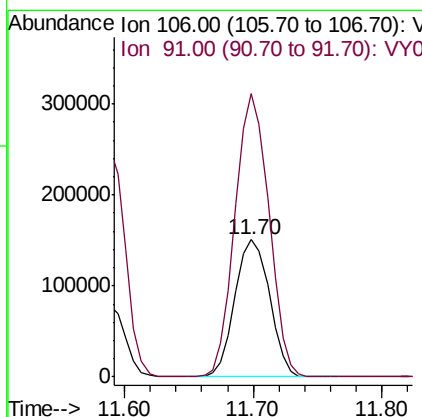
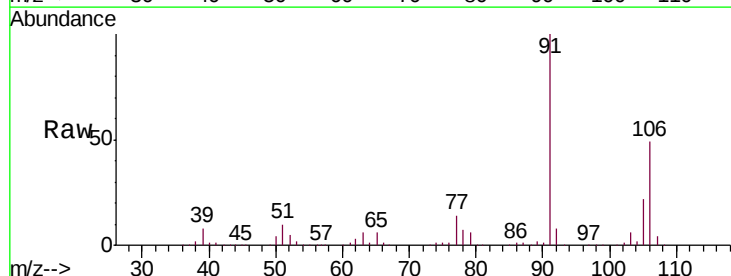
Instrument :
MSVOA_Y
ClientSampleId :
VY1204SBSD01

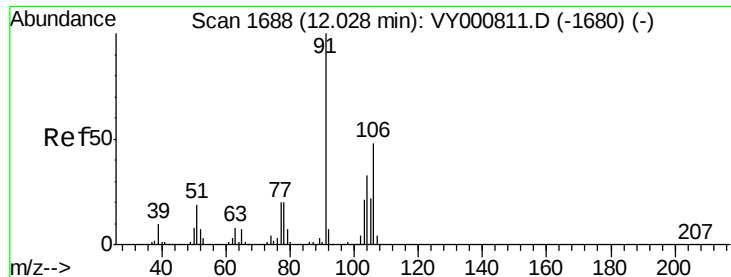
Tgt Ion: 91 Resp: 377961
Ion Ratio Lower Upper
91 100
106 30.4 24.4 36.6



#68
m/p-Xylenes
Concen: 38.176 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. -0.00 min
Lab File: VY000855.D
Acq: 04 Dec 2019 12:05

Tgt Ion: 106 Resp: 282827
Ion Ratio Lower Upper
106 100
91 201.6 159.6 239.4

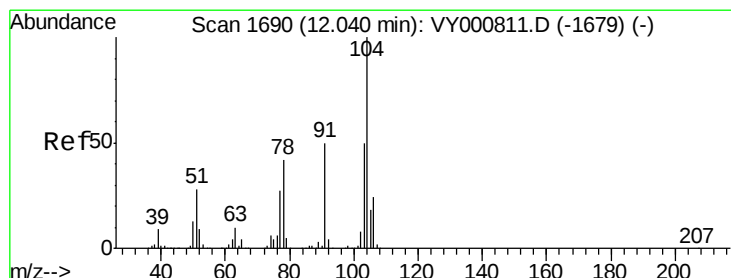
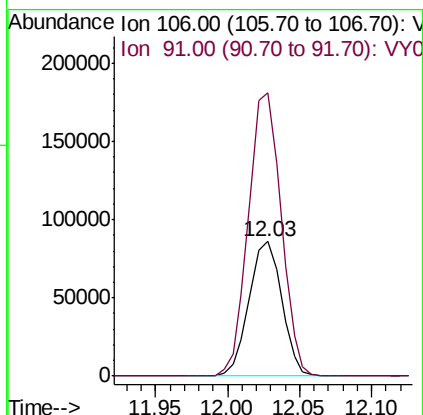
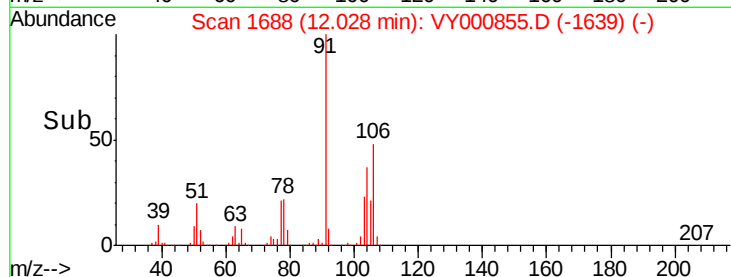
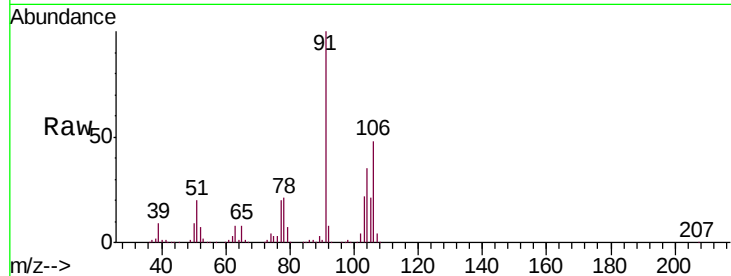




#69
o-Xylene
Concen: 19.714 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VY000855.D
Acq: 04 Dec 2019 12:05

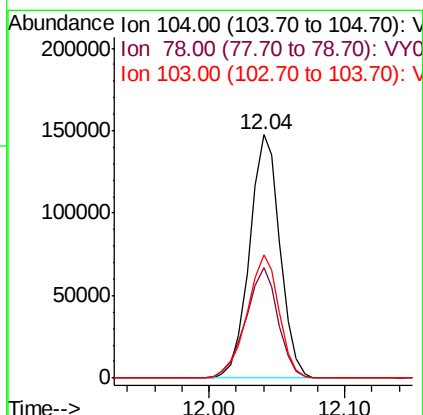
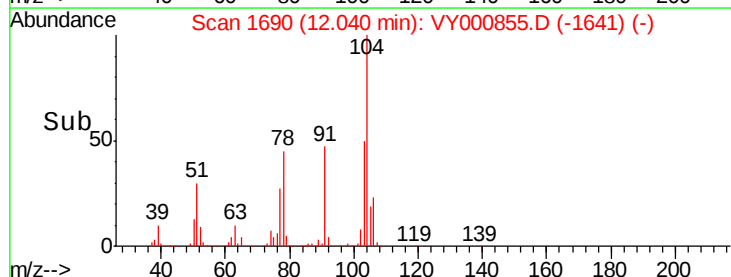
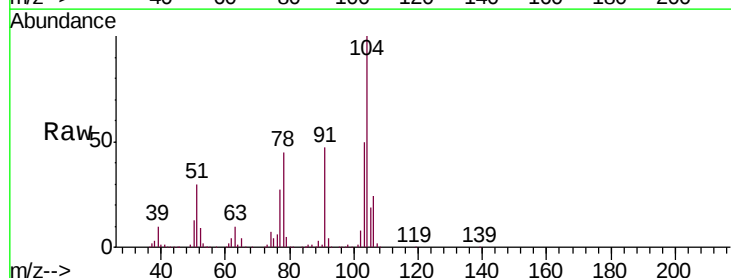
Instrument :
MSVOA_Y
ClientSampleId :
VY1204SBSD01

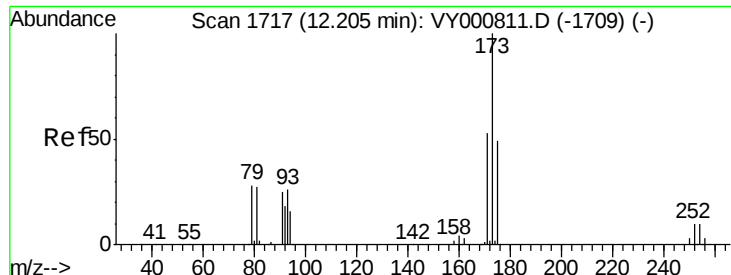
Tgt Ion:106 Resp: 136178
Ion Ratio Lower Upper
106 100
91 209.6 106.1 318.1



#70
Styrene
Concen: 19.501 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. -0.00 min
Lab File: VY000855.D
Acq: 04 Dec 2019 12:05

Tgt Ion:104 Resp: 230654
Ion Ratio Lower Upper
104 100
78 48.3 38.2 57.4
103 53.5 43.4 65.0





#71

Bromoform

Concen: 19.557 ug/l

RT: 12.20 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VY000855.D

Acq: 04 Dec 2019 12:05

Instrument :

MSVOA_Y

ClientSampleId :

VY1204SBSD01

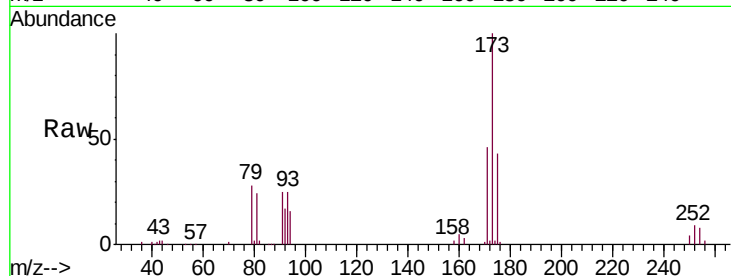
Tgt Ion:173 Resp: 39396

Ion Ratio Lower Upper

173 100

175 47.2 24.5 73.5

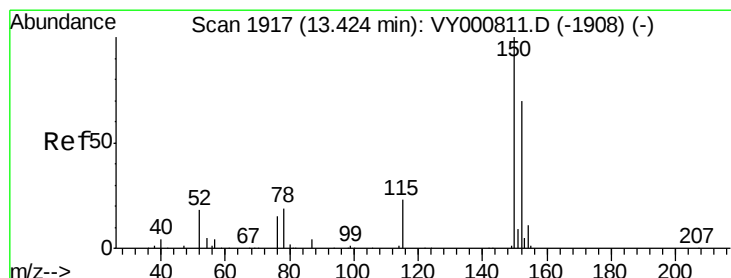
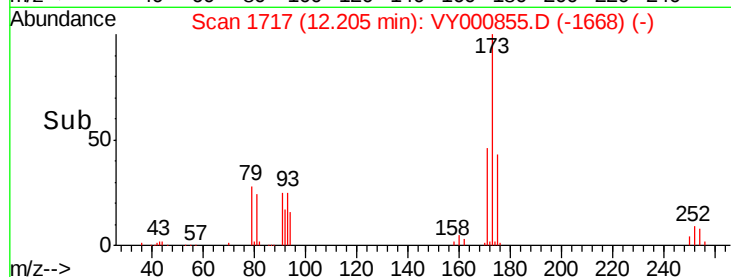
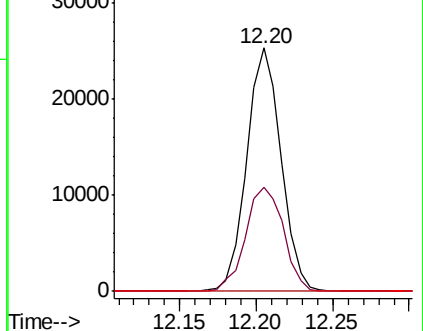
254 0.0 0.0 0.0



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: VY000855.D

Acq: 04 Dec 2019 12:05

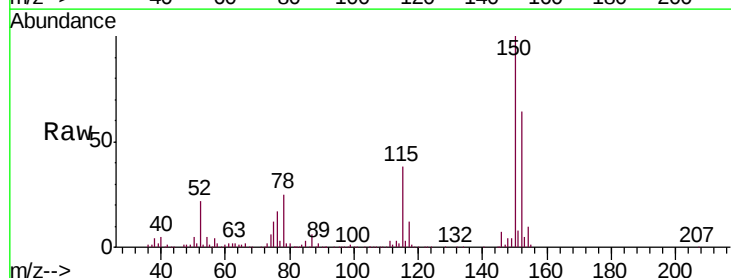
Tgt Ion:152 Resp: 241150

Ion Ratio Lower Upper

152 100

115 58.9 29.3 87.8

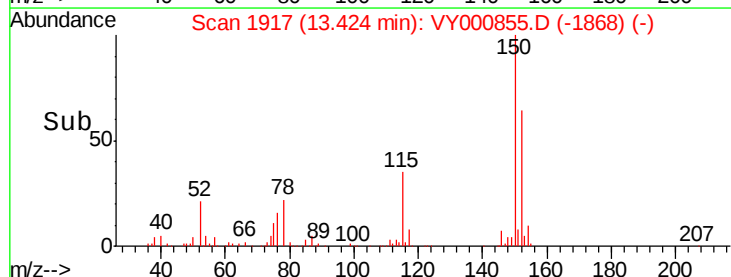
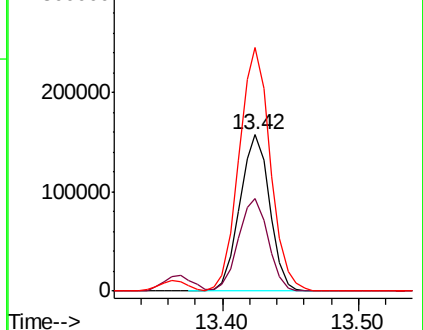
150 162.8 0.0 351.2

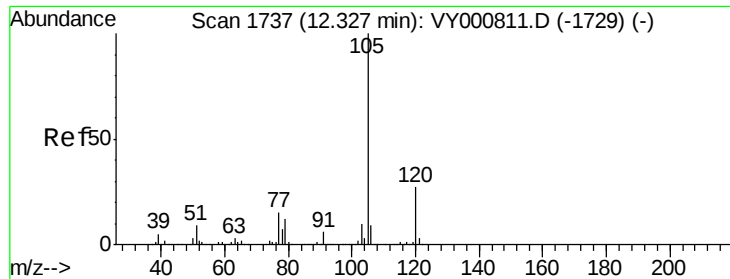


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 18.665 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. -0.00 min

Lab File: VY000855.D

Acq: 04 Dec 2019 12:05

Instrument :

MSVOA_Y

ClientSampleId :

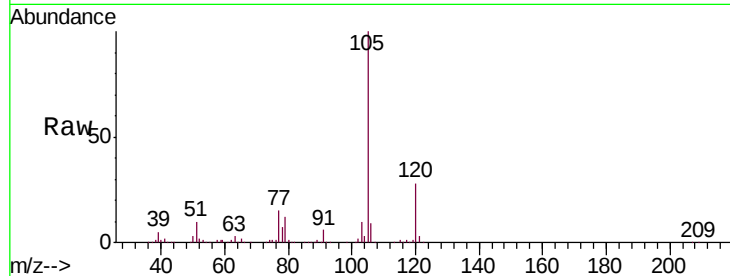
VY1204SBS01

Tgt Ion:105 Resp: 358389

Ion Ratio Lower Upper

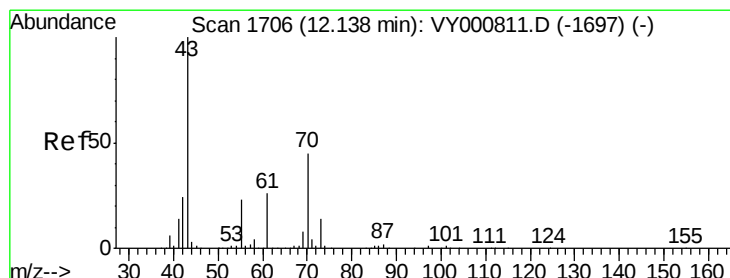
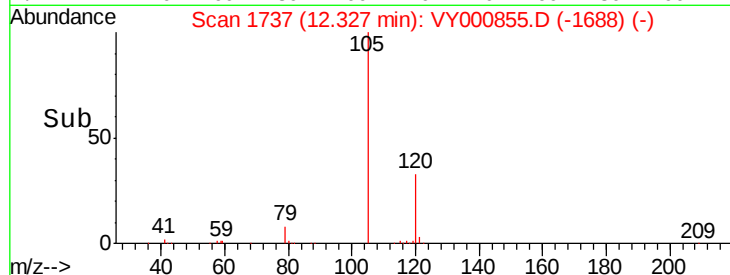
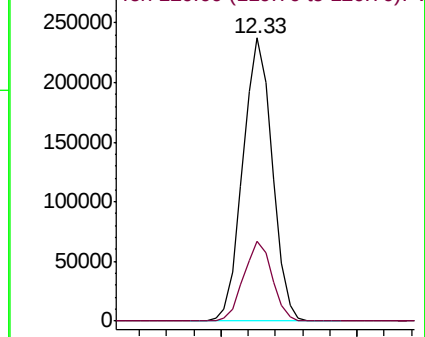
105 100

120 27.5 13.4 40.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 19.062 ug/l

RT: 12.14 min Scan# 1706

Delta R.T. -0.00 min

Lab File: VY000855.D

Acq: 04 Dec 2019 12:05

Tgt Ion: 43 Resp: 101872

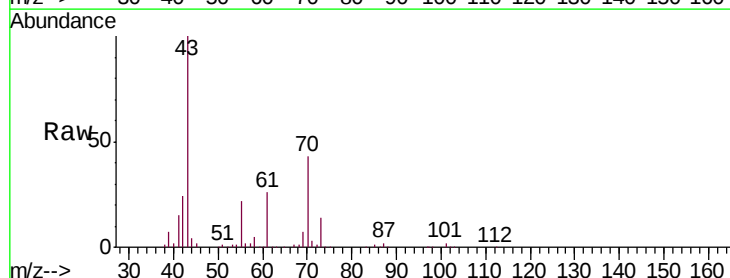
Ion Ratio Lower Upper

43 100

70 44.1 36.6 54.8

55 24.0 18.8 28.2

61 25.5 21.0 31.6

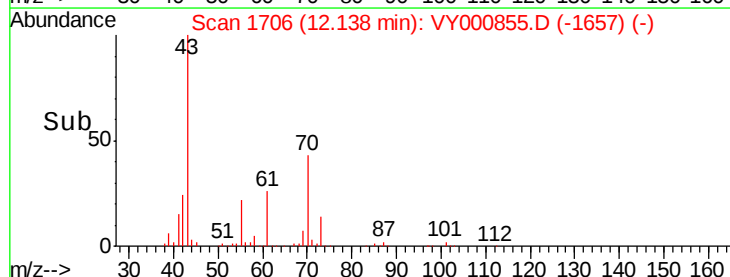
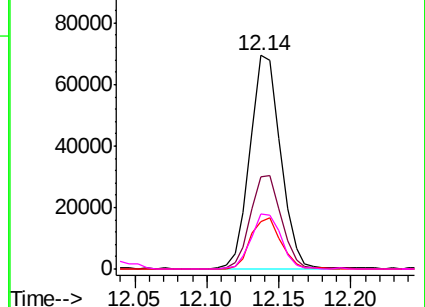


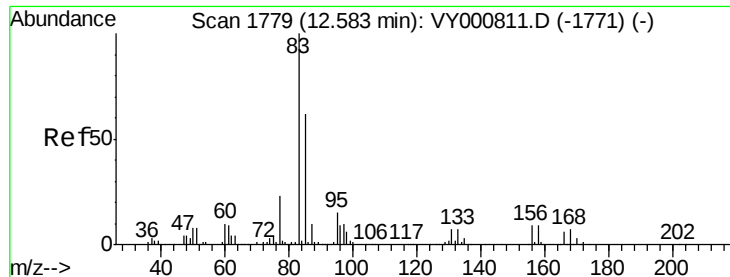
Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 70.00 (69.70 to 70.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 61.00 (60.70 to 61.70): VY0





#75

1,1,2,2-Tetrachloroethane

Concen: 18.725 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VY000855.D

Acq: 04 Dec 2019 12:05

Instrument :

MSVOA_Y

ClientSampleId :

VY1204SBSD01

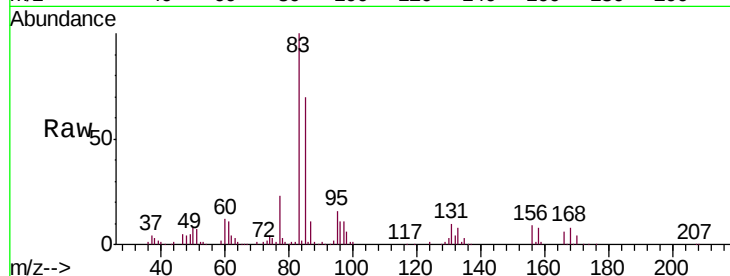
Tgt Ion: 83 Resp: 70842

Ion Ratio Lower Upper

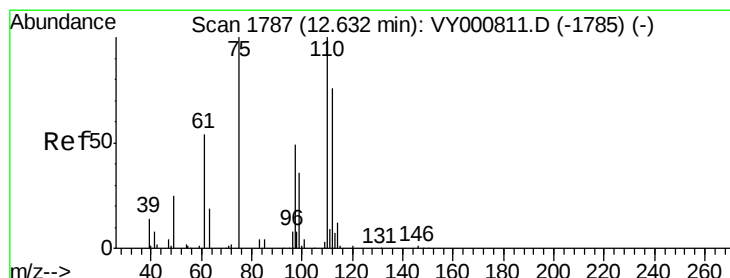
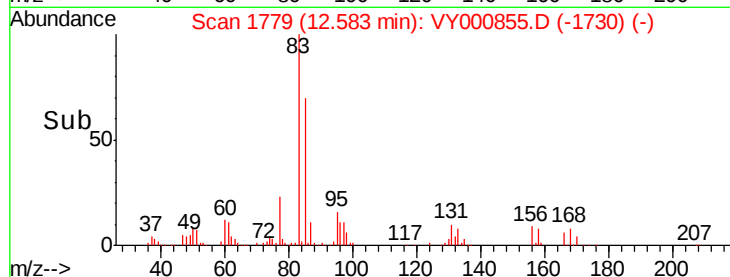
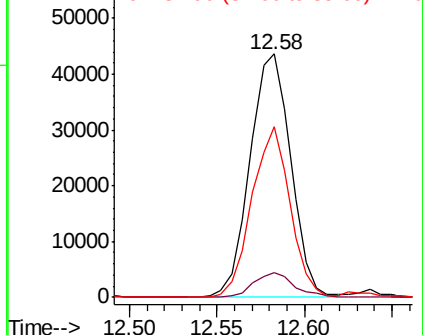
83 100

131 10.3 4.3 13.1

85 65.8 32.4 97.0



Abundance Ion 82.90 (82.60 to 83.60): VY0
Ion 130.80 (130.50 to 131.50): VY0
Ion 84.90 (84.60 to 85.60): VY0



#76

1,2,3-Trichloropropane

Concen: 36.958 ug/l

RT: 12.63 min Scan# 1787

Delta R.T. -0.00 min

Lab File: VY000855.D

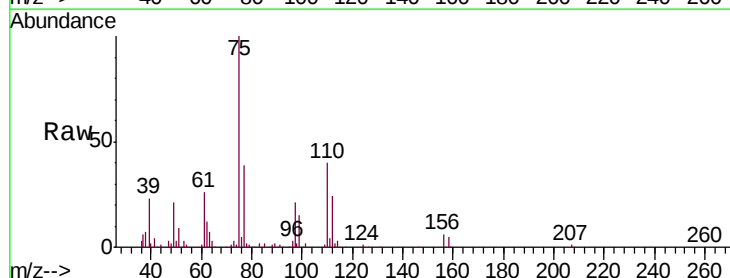
Acq: 04 Dec 2019 12:05

Tgt Ion: 75 Resp: 100976

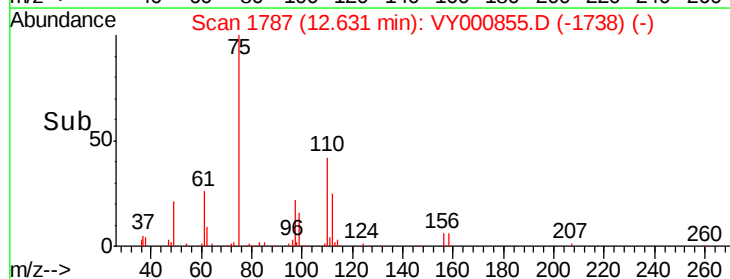
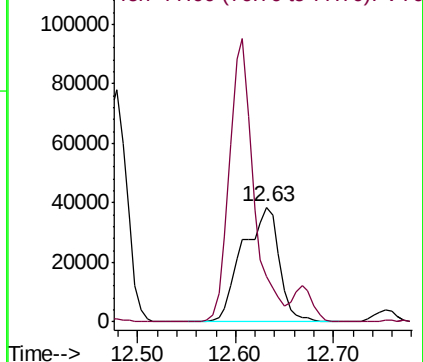
Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY0
Ion 77.00 (76.70 to 77.70): VY0

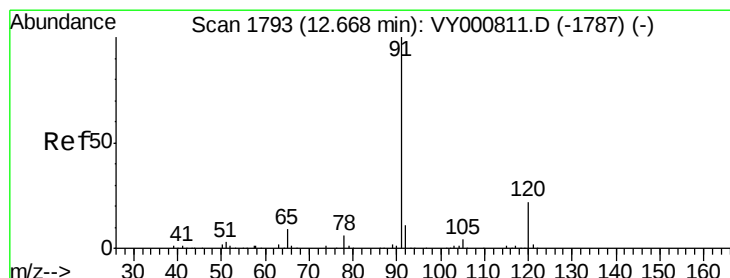
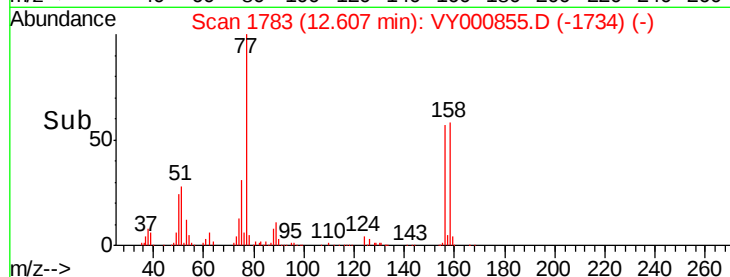
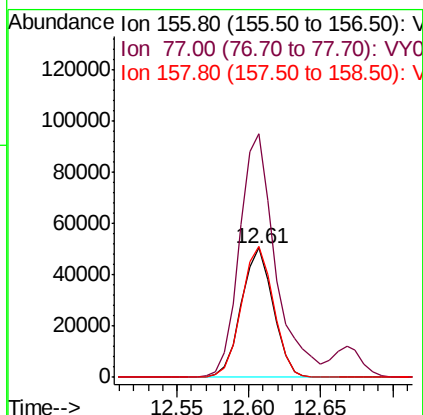
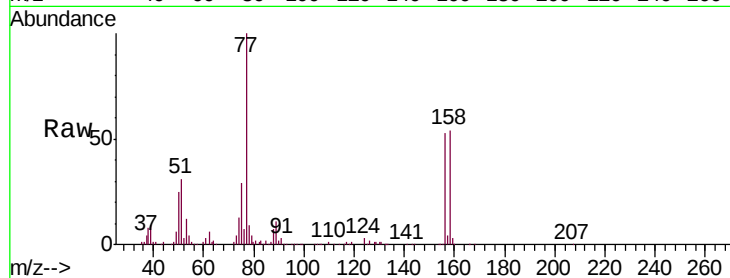




#77
Bromobenzene
Concen: 18.580 ug/l
RT: 12.61 min Scan# 1783
Delta R.T. -0.00 min
Lab File: VY000855.D
Acq: 04 Dec 2019 12:05

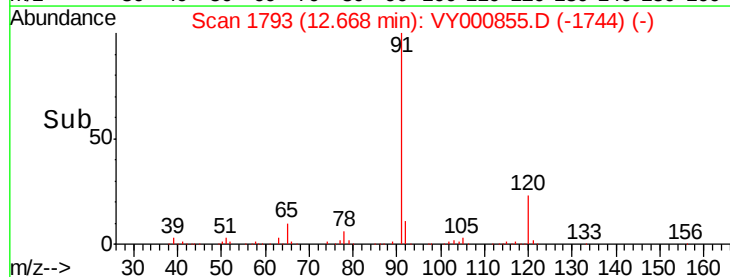
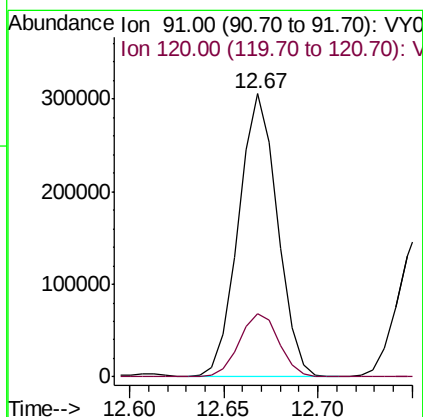
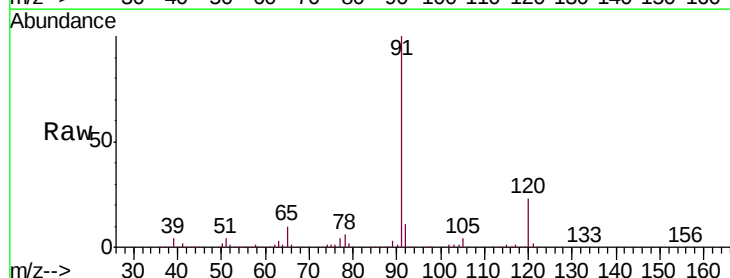
Instrument :
MSVOA_Y
ClientSampleId :
VY1204SBSD01

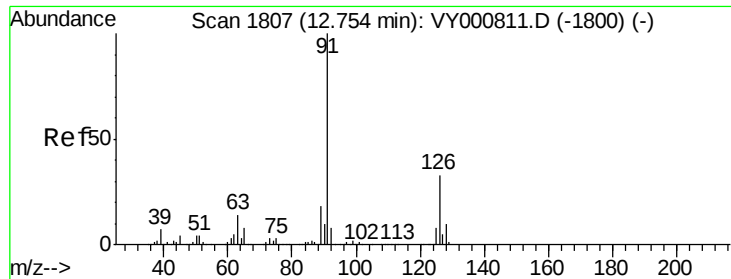
Tgt Ion:156 Resp: 77331
Ion Ratio Lower Upper
156 100
77 213.7 102.6 307.7
158 102.0 47.6 142.8



#78
n-propylbenzene
Concen: 18.694 ug/l
RT: 12.67 min Scan# 1793
Delta R.T. -0.00 min
Lab File: VY000855.D
Acq: 04 Dec 2019 12:05

Tgt Ion: 91 Resp: 438265
Ion Ratio Lower Upper
91 100
120 22.7 11.2 33.5

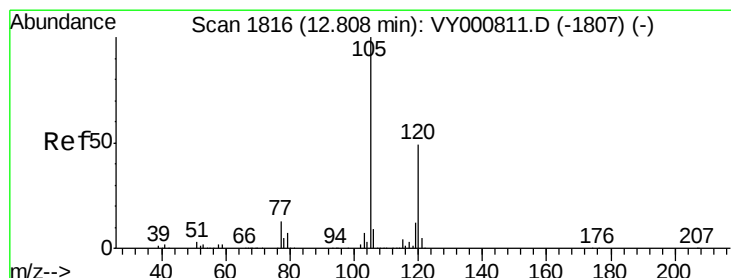
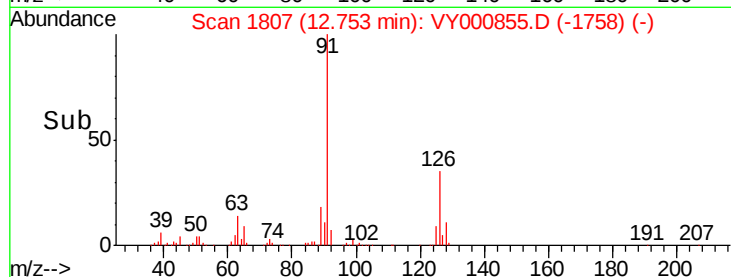
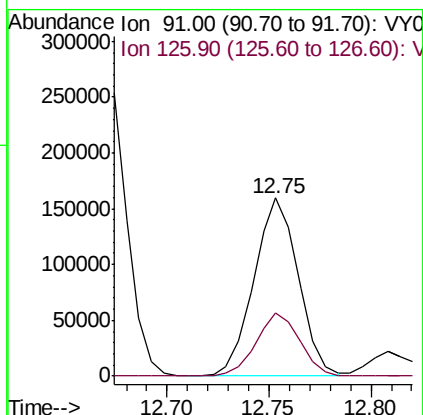
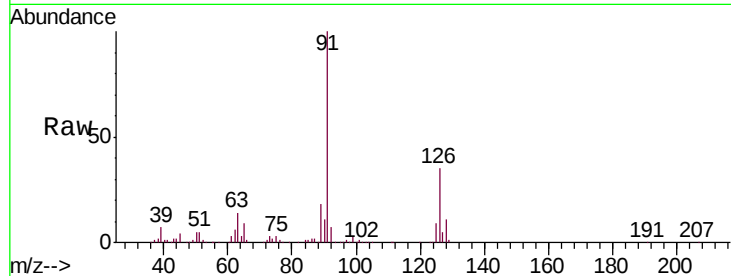




#79
 2-Chlorotoluene
 Concen: 18.590 ug/l
 RT: 12.75 min Scan# 1807
 Delta R.T. -0.00 min
 Lab File: VY000855.D
 Acq: 04 Dec 2019 12:05

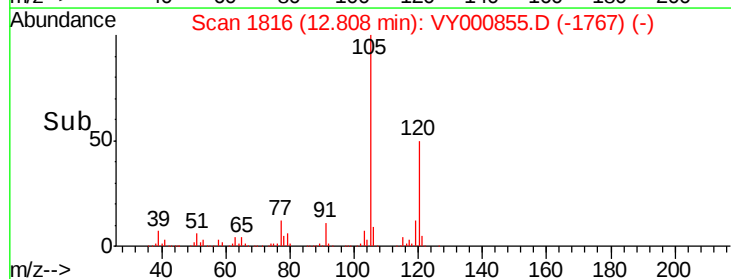
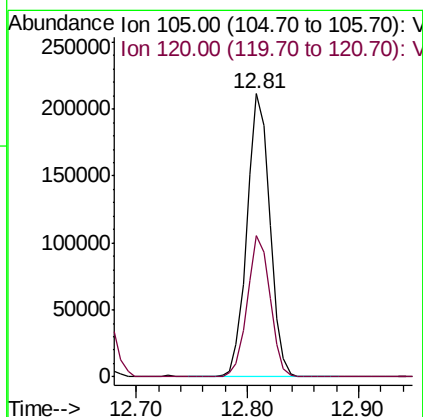
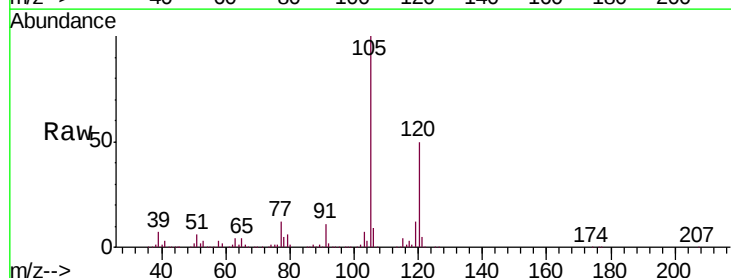
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1204SBSD01

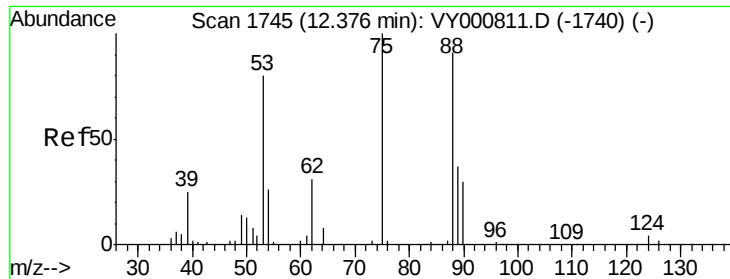
Tgt Ion: 91 Resp: 240784
 Ion Ratio Lower Upper
 91 100
 126 34.8 17.0 51.0



#80
 1,3,5-Trimethylbenzene
 Concen: 18.963 ug/l
 RT: 12.81 min Scan# 1816
 Delta R.T. -0.00 min
 Lab File: VY000855.D
 Acq: 04 Dec 2019 12:05

Tgt Ion: 105 Resp: 301467
 Ion Ratio Lower Upper
 105 100
 120 49.6 24.6 74.0





#81

trans-1,4-Dichloro-2-butene

Concen: 19.855 ug/l

RT: 12.38 min Scan# 1745

Delta R.T. -0.00 min

Lab File: VY000855.D

Acq: 04 Dec 2019 12:05

Instrument :

MSVOA_Y

ClientSampleId :

VY1204SBSD01

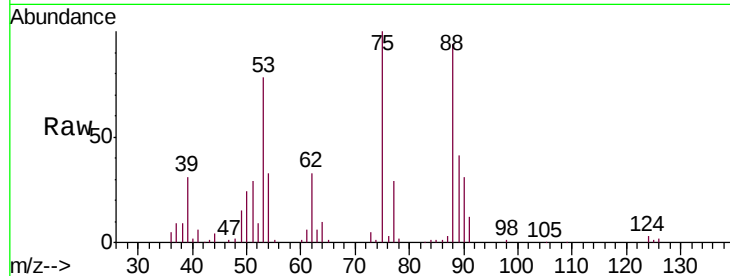
Tgt Ion: 75 Resp: 27617

Ion Ratio Lower Upper

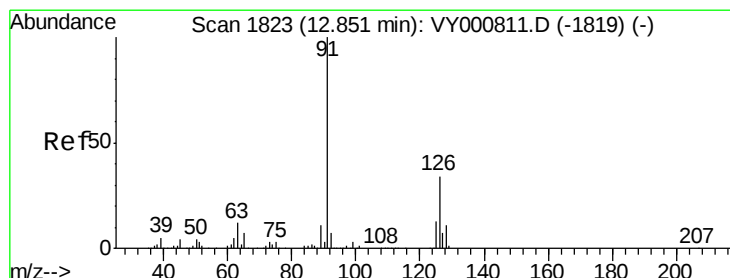
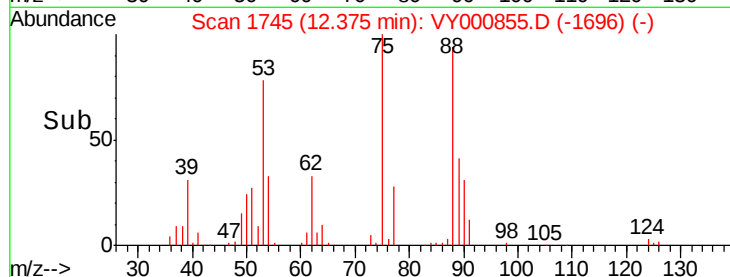
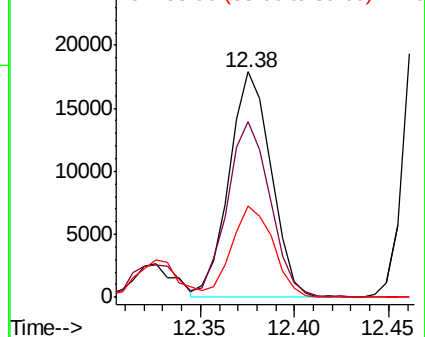
75 100

53 80.3 64.6 96.8

89 40.1 33.6 50.4



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



#82

4-Chlorotoluene

Concen: 19.125 ug/l

RT: 12.85 min Scan# 1823

Delta R.T. -0.00 min

Lab File: VY000855.D

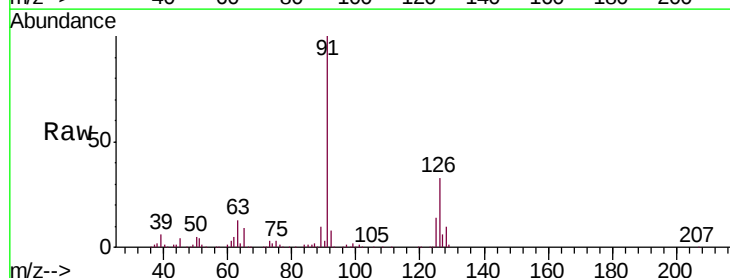
Acq: 04 Dec 2019 12:05

Tgt Ion: 91 Resp: 255197

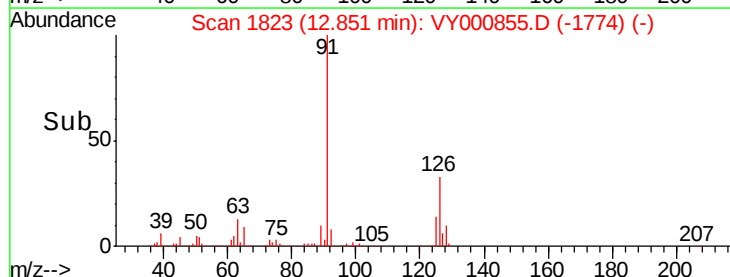
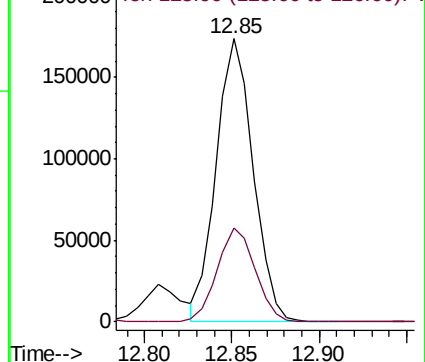
Ion Ratio Lower Upper

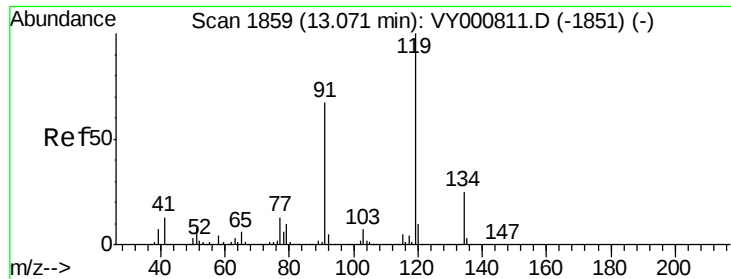
91 100

126 34.1 17.3 51.9



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





#83

tert-Butylbenzene

Concen: 18.918 ug/l

RT: 13.07 min Scan# 1859

Delta R.T. -0.00 min

Lab File: VY000855.D

Acq: 04 Dec 2019 12:05

Instrument :

MSVOA_Y

ClientSampleId :

VY1204SBSD01

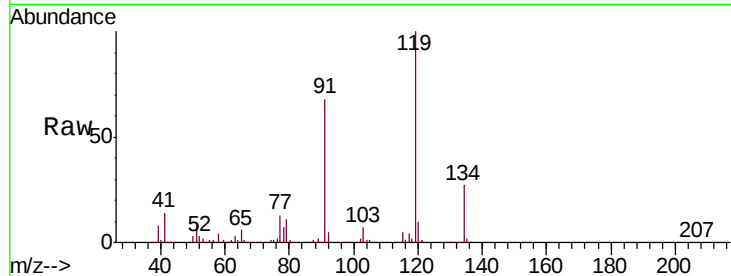
Tgt Ion:119 Resp: 252862

Ion Ratio Lower Upper

119 100

91 65.6 32.3 96.8

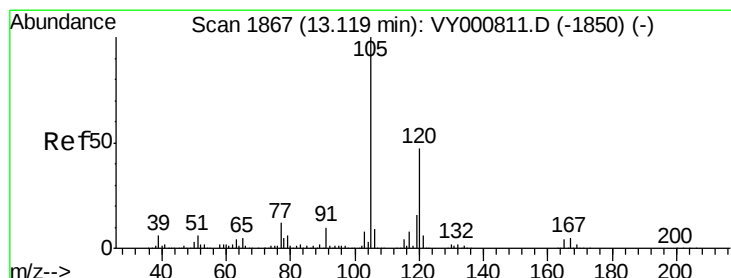
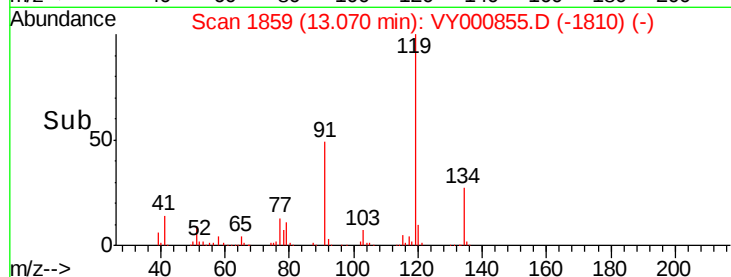
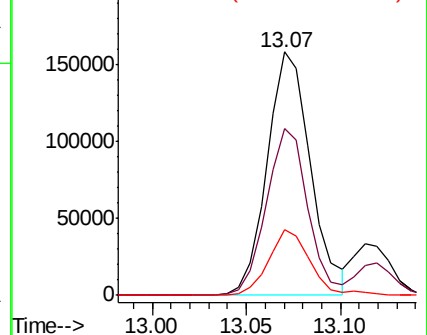
134 25.9 12.9 38.7



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: 19.046 ug/l

RT: 13.12 min Scan# 1867

Delta R.T. -0.00 min

Lab File: VY000855.D

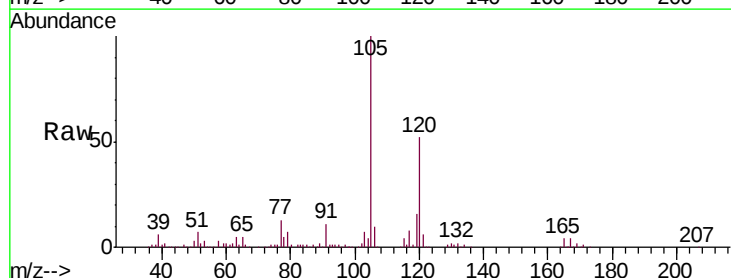
Acq: 04 Dec 2019 12:05

Tgt Ion:105 Resp: 302942

Ion Ratio Lower Upper

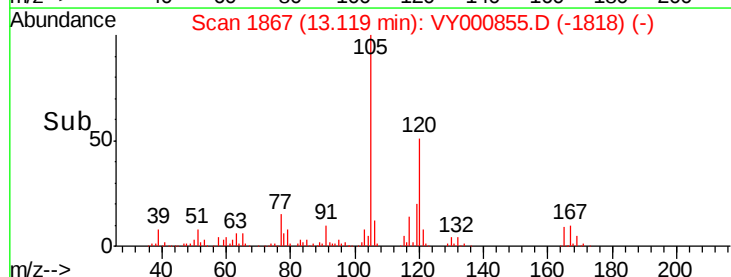
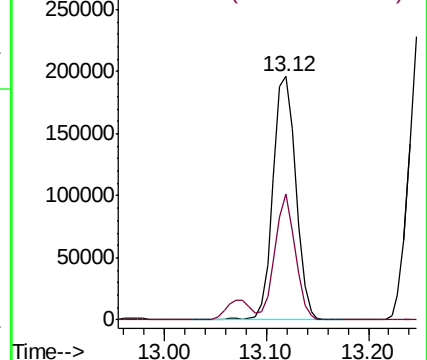
105 100

120 45.8 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: 19.146 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VY000855.D

Acq: 04 Dec 2019 12:05

Instrument :

MSVOA_Y

ClientSampleId :

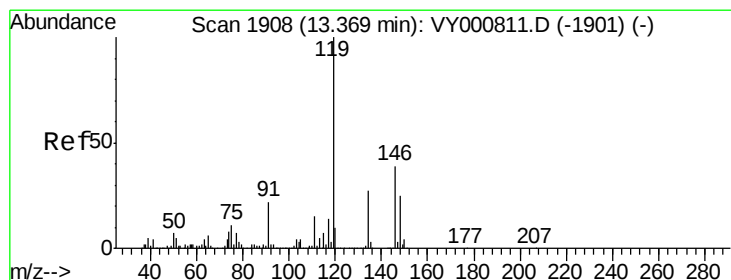
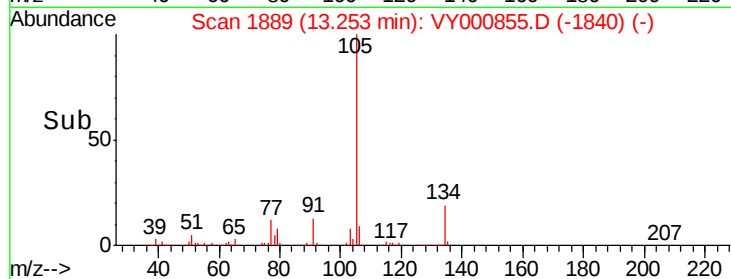
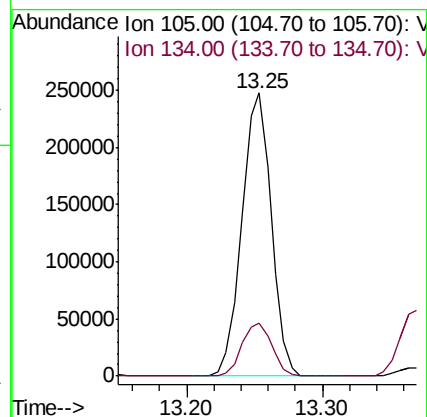
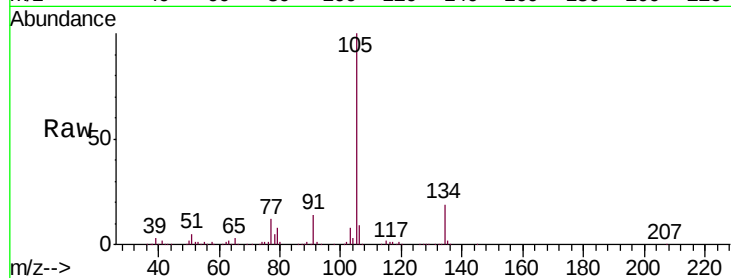
VY1204SBS01

Tgt Ion:105 Resp: 372186

Ion Ratio Lower Upper

105 100

134 19.4 10.1 30.1



#86

p-Isopropyltoluene

Concen: 19.315 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. -0.00 min

Lab File: VY000855.D

Acq: 04 Dec 2019 12:05

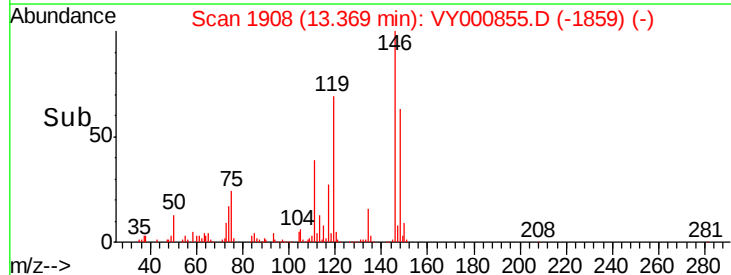
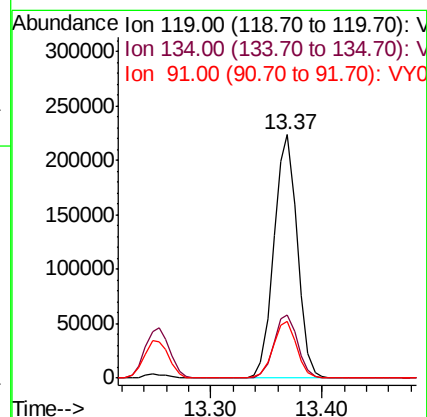
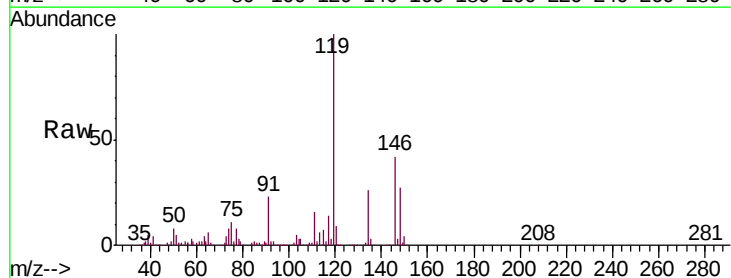
Tgt Ion:119 Resp: 326568

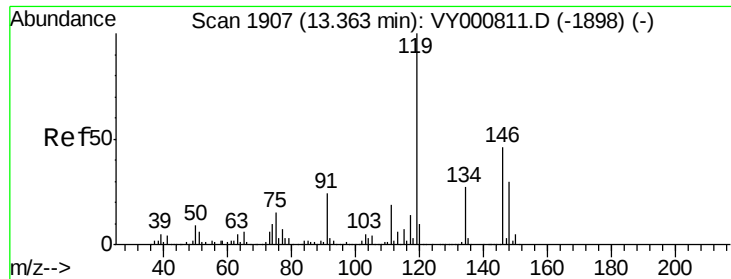
Ion Ratio Lower Upper

119 100

134 26.3 13.5 40.4

91 23.4 11.5 34.5

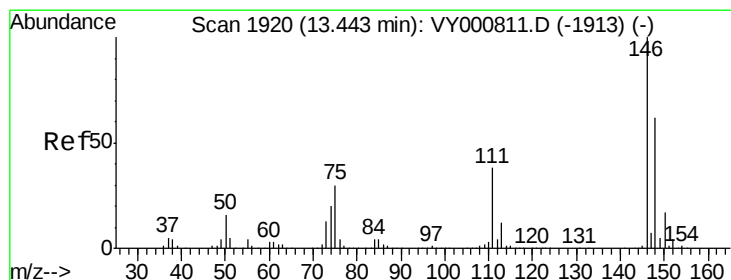
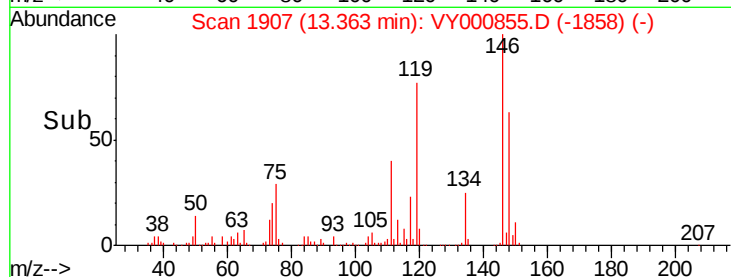
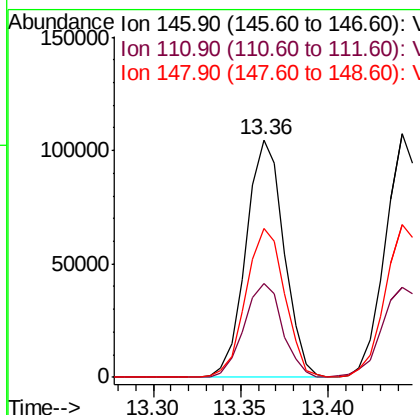
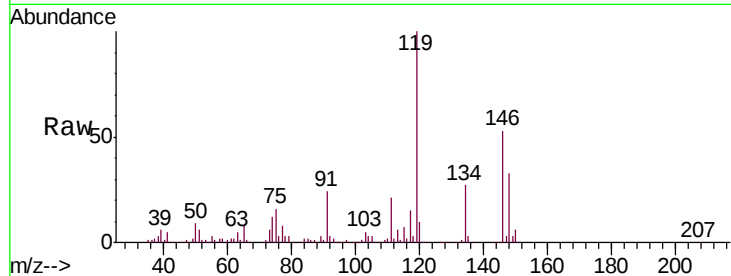




#87
 1,3-Dichlorobenzene
 Concen: 19.325 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. -0.00 min
 Lab File: VY000855.D
 Acq: 04 Dec 2019 12:05

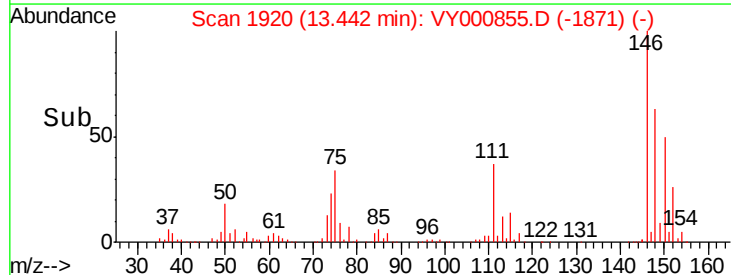
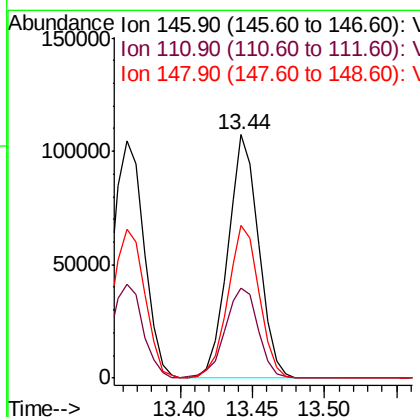
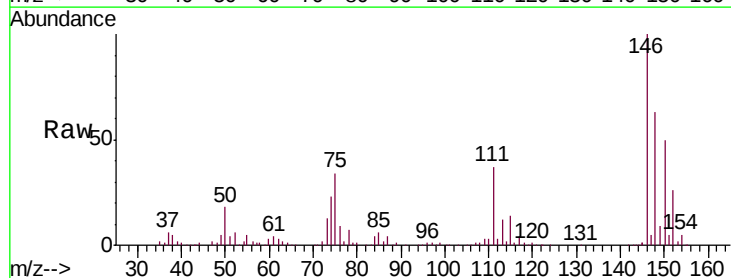
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1204SBS01

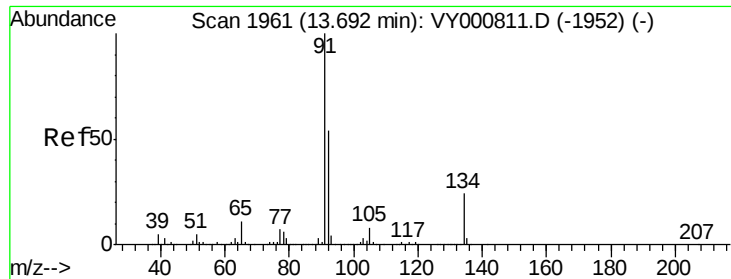
Tgt Ion:146 Resp: 157782
 Ion Ratio Lower Upper
 146 100
 111 40.1 20.0 60.0
 148 64.4 32.1 96.5



#88
 1,4-Dichlorobenzene
 Concen: 19.834 ug/l
 RT: 13.44 min Scan# 1920
 Delta R.T. -0.00 min
 Lab File: VY000855.D
 Acq: 04 Dec 2019 12:05

Tgt Ion:146 Resp: 160347
 Ion Ratio Lower Upper
 146 100
 111 39.9 20.0 59.9
 148 64.1 31.7 95.1





#89

n-Butylbenzene

Concen: 19.108 ug/l

RT: 13.69 min Scan# 1961

Delta R.T. -0.00 min

Lab File: VY000855.D

Acq: 04 Dec 2019 12:05

Instrument :

MSVOA_Y

ClientSampleId :

VY1204SBSD01

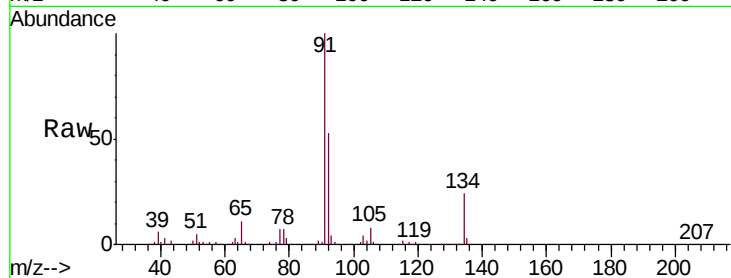
Tgt Ion: 91 Resp: 326636

Ion Ratio Lower Upper

91 100

92 54.1 26.9 80.7

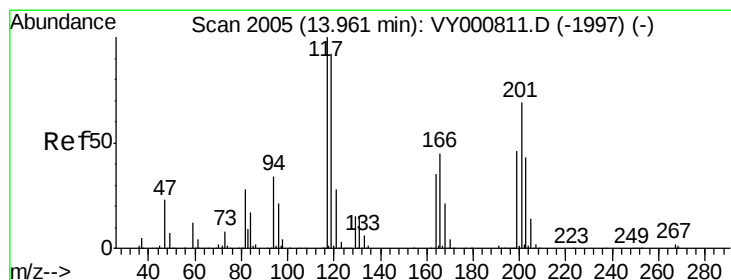
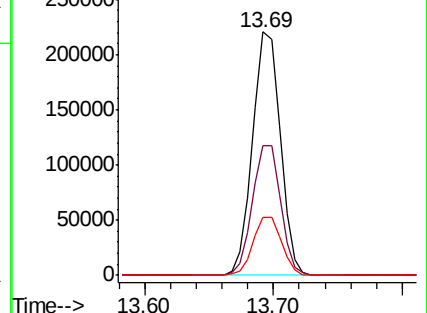
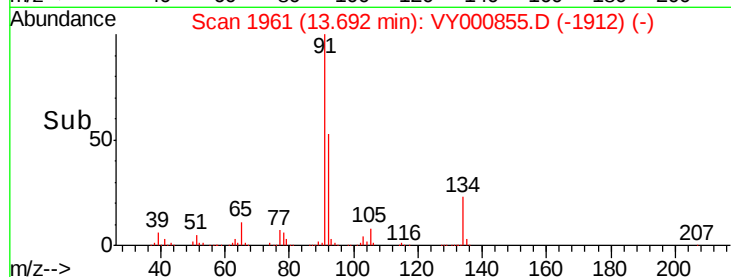
134 24.6 12.6 37.6



Abundance Ion 91.00 (90.70 to 91.70): VY000811.D (-1952) (-)

Ion 92.00 (91.70 to 92.70): VY000811.D (-1952) (-)

Ion 134.00 (133.70 to 134.70): VY000811.D (-1952) (-)



#90

Hexachloroethane

Concen: 18.741 ug/l

RT: 13.96 min Scan# 2005

Delta R.T. -0.00 min

Lab File: VY000855.D

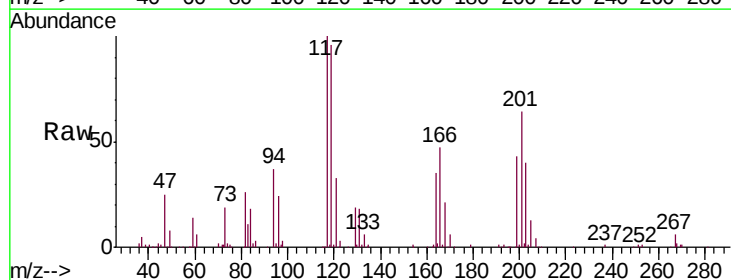
Acq: 04 Dec 2019 12:05

Tgt Ion: 117 Resp: 58369

Ion Ratio Lower Upper

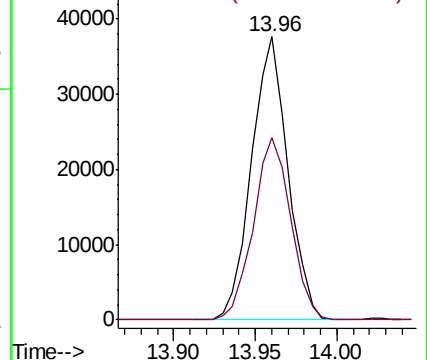
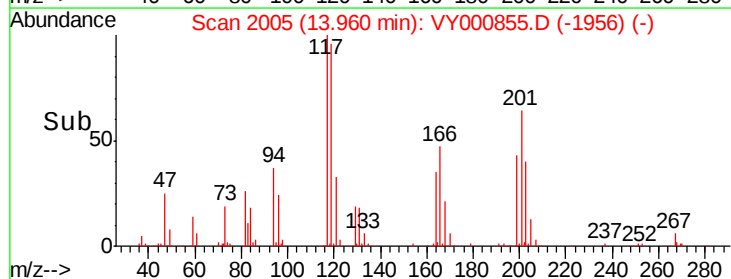
117 100

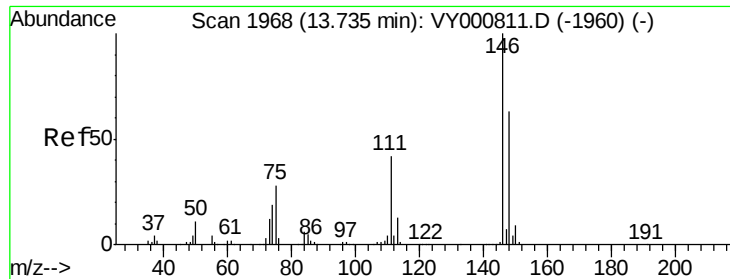
201 65.9 34.0 102.0



Abundance Ion 116.80 (116.50 to 117.50): VY000811.D (-1997) (-)

Ion 200.70 (200.40 to 201.40): VY000811.D (-1997) (-)

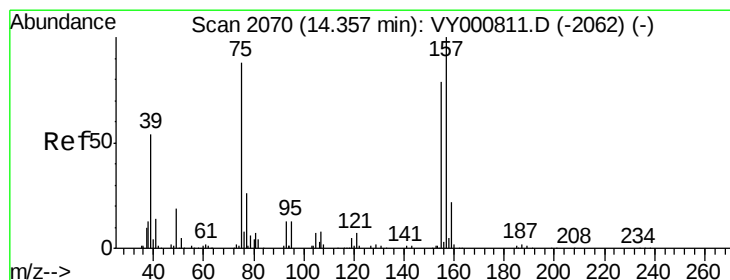
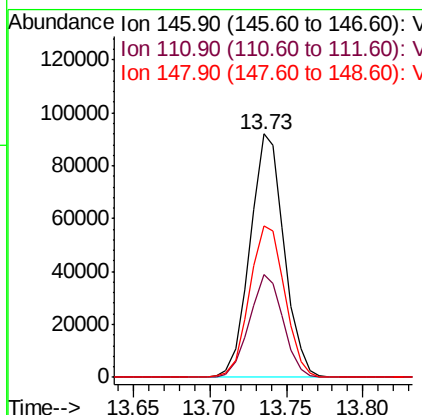
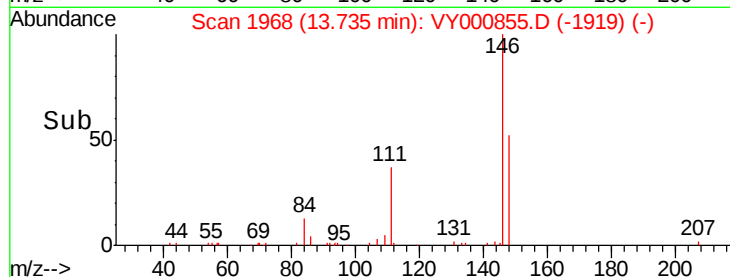
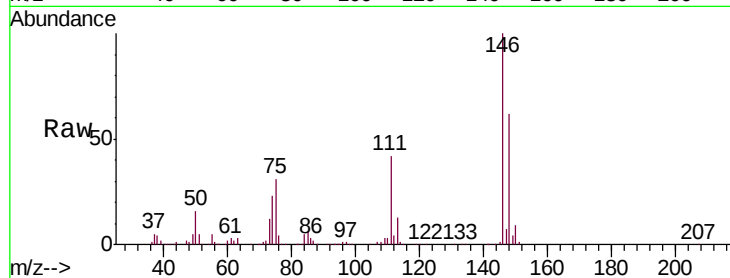




#91
 1,2-Dichlorobenzene
 Concen: 19.328 ug/l
 RT: 13.73 min Scan# 1968
 Delta R.T. -0.00 min
 Lab File: VY000855.D
 Acq: 04 Dec 2019 12:05

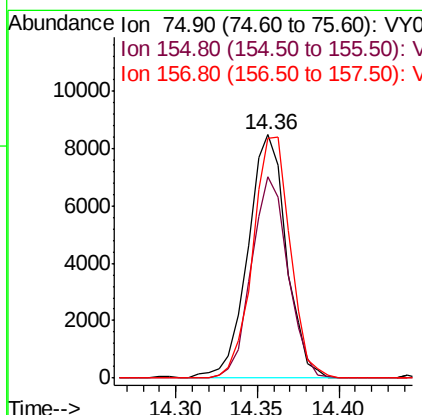
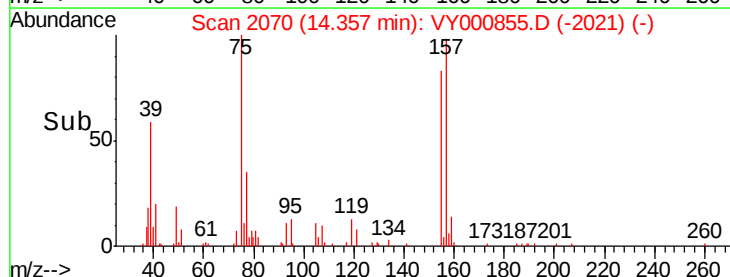
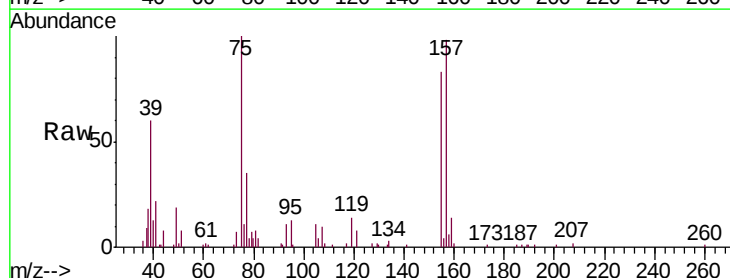
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1204SBS01

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.6	20.9	62.7
148	64.6	32.1	96.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 21.999 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. -0.00 min
 Lab File: VY000855.D
 Acq: 04 Dec 2019 12:05

Tgt Ion	Ratio	Lower	Upper
75	100		
155	78.5	44.3	132.9
157	96.0	56.3	168.9

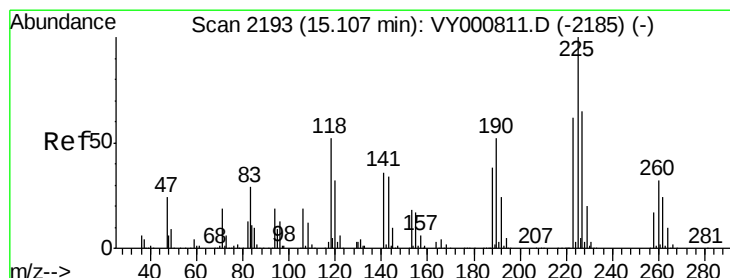
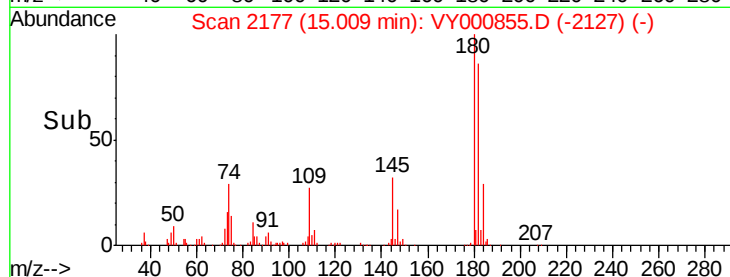
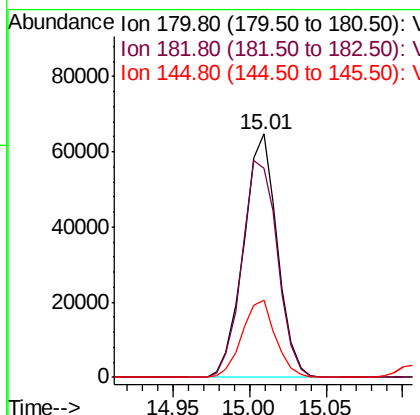
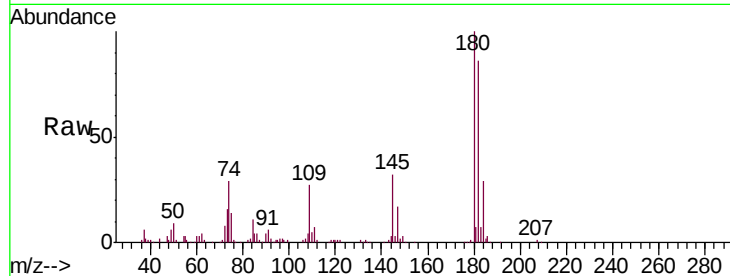




#93
 1,2,4-Trichlorobenzene
 Concen: 19.897 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. 0.01 min
 Lab File: VY000855.D
 Acq: 04 Dec 2019 12:05

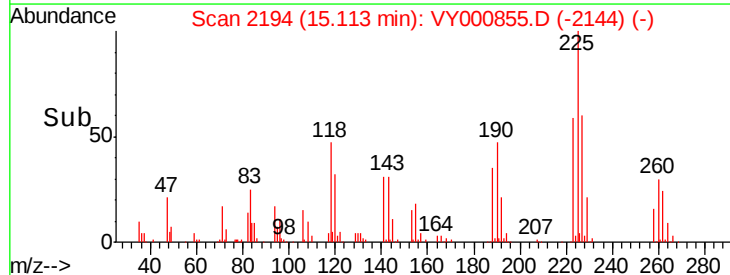
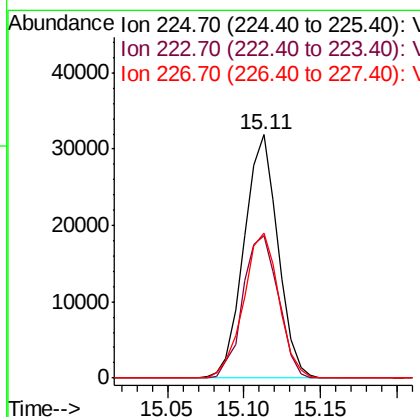
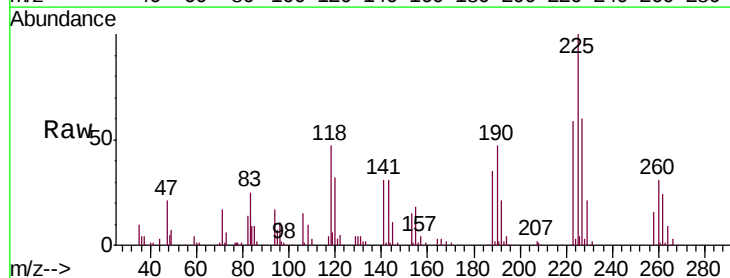
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1204SBSD01

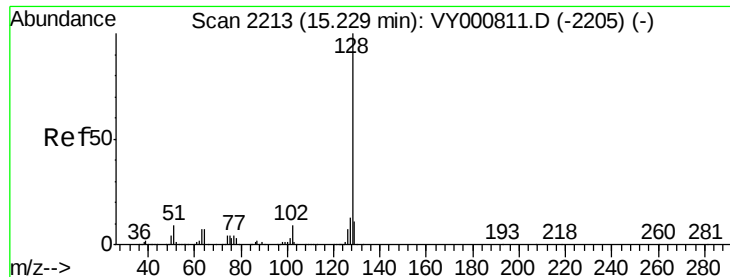
Tgt Ion:180 Resp: 98882
 Ion Ratio Lower Upper
 180 100
 182 94.4 47.3 141.9
 145 31.5 16.0 47.9



#94
 Hexachlorobutadiene
 Concen: 19.903 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. 0.01 min
 Lab File: VY000855.D
 Acq: 04 Dec 2019 12:05

Tgt Ion:225 Resp: 49040
 Ion Ratio Lower Upper
 225 100
 223 61.6 31.4 94.3
 227 62.1 31.8 95.3

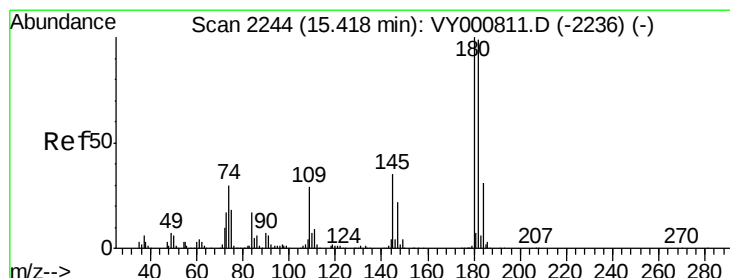
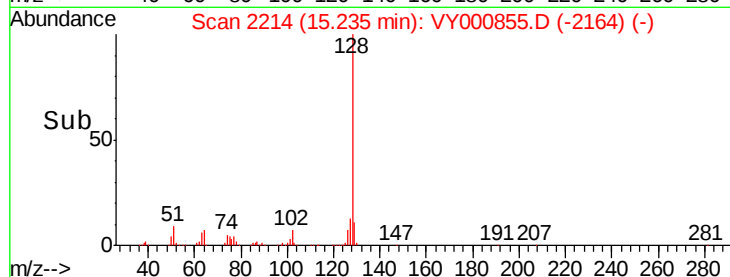
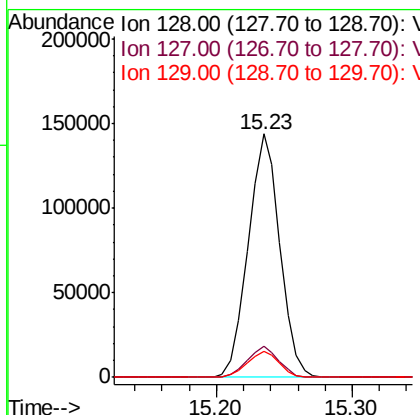
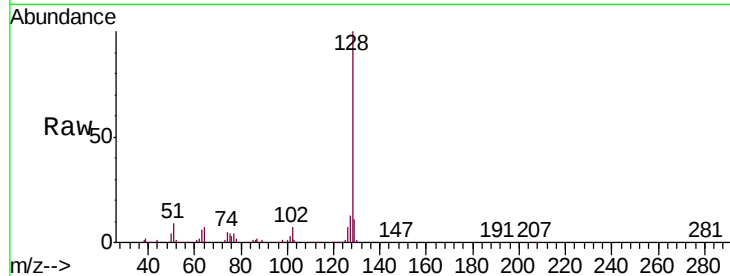




#95
Naphthalene
Concen: 20.238 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. 0.01 min
Lab File: VY000855.D
Acq: 04 Dec 2019 12:05

Instrument :
MSVOA_Y
ClientSampleId :
VY1204SBSD01

Tgt Ion:128 Resp: 233529
Ion Ratio Lower Upper
128 100
127 12.7 10.1 15.1
129 11.0 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 19.973 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. 0.01 min
Lab File: VY000855.D
Acq: 04 Dec 2019 12:05

Tgt Ion:180 Resp: 88661
Ion Ratio Lower Upper
180 100
182 94.7 48.0 144.0
145 32.5 16.9 50.6

