

Data File : VY000854.D
Acq On : 04 Dec 2019 11:44
Operator : SY/MD
Sample : VY1204SBS01
Misc : 5.00G/5ML/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY1204SBS01

Quant Time: Dec 05 07:51:40 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	301226	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	523128	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	471746	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	221377	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	156269	48.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.64%	
35) Dibromofluoromethane	7.72	113	145850	47.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.68%	
50) Toluene-d8	10.18	98	620559	50.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.82%	
62) 4-Bromofluorobenzene	12.48	95	212790	46.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.98%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.90	85	62616	19.310	ug/l	97
3) Chloromethane	2.11	50	82589	20.662	ug/l	99
4) Vinyl Chloride	2.25	62	79334	20.139	ug/l	94
5) Bromomethane	2.64	94	49960	19.502	ug/l	98
6) Chloroethane	2.79	64	49926	20.671	ug/l	95
7) Trichlorofluoromethane	3.12	101	110395	20.449	ug/l	93
8) Diethyl Ether	3.54	74	40281	19.824	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.90	101	65186	19.553	ug/l	99
10) Methyl Iodide	4.10	142	79437	18.925	ug/l	97
11) Tert butyl alcohol	4.97	59	29304	91.000	ug/l	96
12) 1,1-Dichloroethene	3.88	96	65014	19.685	ug/l	97
13) Acrolein	3.74	56	32225	101.588	ug/l	99
14) Allyl chloride	4.49	41	113617	20.063	ug/l	100
15) Acrylonitrile	5.18	53	100514	95.798	ug/l	99
16) Acetone	3.95	43	71645	97.575	ug/l	96
17) Carbon Disulfide	4.19	76	209938	19.653	ug/l	98
18) Methyl Acetate	4.49	43	63916	20.819	ug/l	98
19) Methyl tert-butyl Ether	5.22	73	175548	19.902	ug/l	99
20) Methylene Chloride	4.72	84	82466	21.307	ug/l	94
21) trans-1,2-Dichloroethene	5.22	96	75290	20.056	ug/l	95
22) Diisopropyl ether	6.13	45	244235	20.983	ug/l	97
23) Vinyl Acetate	6.07	43	717553	101.406	ug/l	99
24) 1,1-Dichloroethane	6.03	63	129278	20.152	ug/l	98
25) 2-Butanone	7.00	43	126526	93.283	ug/l	98
26) 2,2-Dichloropropane	6.99	77	107487	19.907	ug/l	97
27) cis-1,2-Dichloroethene	6.99	96	82250	20.269	ug/l	100
28) Bromochloromethane	7.35	49	29258	13.953	ug/l	99
29) Tetrahydrofuran	7.35	42	90981	101.225	ug/l	96
30) Chloroform	7.52	83	124299	19.314	ug/l	99
31) Cyclohexane	7.79	56	136151	20.034	ug/l	94
32) 1,1,1-Trichloroethane	7.71	97	106853	20.107	ug/l	99
36) 1,1-Dichloropropene	7.92	75	101894	19.589	ug/l	98
37) Ethyl Acetate	7.08	43	57308	19.081	ug/l	98
38) Carbon Tetrachloride	7.91	117	93242	20.129	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	131654	19.104	ug/l	98
40) Benzene	8.17	78	303919	20.059	ug/l	100
41) Methacrylonitrile	7.35	41	78621	49.667	ug/l #	33
42) 1,2-Dichloroethane	8.25	62	81589	20.476	ug/l	98
43) Isopropyl Acetate	8.28	43	107576	19.007	ug/l	100
44) Trichloroethene	8.94	130	79846	20.506	ug/l	92
45) 1,2-Dichloropropane	9.22	63	78709	20.682	ug/l	97
46) Dibromomethane	9.31	93	40125	20.179	ug/l	99
47) Bromodichloromethane	9.50	83	94957	20.328	ug/l	96
48) Methyl methacrylate	9.30	41	50220	20.178	ug/l	98
49) 1,4-Dioxane	9.30	88	11286	400.575	ug/l #	88
51) 4-Methyl-2-Pentanone	10.07	43	291387	99.643	ug/l	98
52) Toluene	10.24	92	191404	20.404	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	102152	20.355	ug/l	96
54) cis-1,3-Dichloropropene	9.93	75	116222	19.593	ug/l	97
55) 1,1,2-Trichloroethane	10.64	97	58128	19.786	ug/l	96
56) Ethyl methacrylate	10.51	69	84640	20.140	ug/l	99
57) 1,3-Dichloropropane	10.79	76	103789	20.270	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.78	63	167943	99.109	ug/l	99
59) 2-Hexanone	10.83	43	201668	94.641	ug/l	98
60) Dibromochloromethane	10.99	129	63703	20.143	ug/l	98
61) 1,2-Dibromoethane	11.09	107	55409	20.013	ug/l	98
64) Tetrachloroethene	10.72	164	82987	20.247	ug/l	97
65) Chlorobenzene	11.52	112	194041	19.788	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.59	131	64886	19.635	ug/l	98
67) Ethyl Benzene	11.59	91	362038	19.824	ug/l	100
68) m/p-Xylenes	11.70	106	276956	40.404	ug/l	99
69) o-Xylene	12.03	106	128249	20.066	ug/l	100
70) Styrene	12.05	104	220395	20.139	ug/l	99
71) Bromoform	12.20	173	37458	20.097	ug/l #	96
73) Isopropylbenzene	12.33	105	338285	19.192	ug/l	100
74) N-amyl acetate	12.14	43	92893	18.934	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	66319	19.095	ug/l	96
76) 1,2,3-Trichloropropane	12.63	75	92465	36.865	ug/l #	100
77) Bromobenzene	12.61	156	74828	19.584	ug/l	98
78) n-propylbenzene	12.67	91	418469	19.444	ug/l	100
79) 2-Chlorotoluene	12.75	91	230989	19.427	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	287625	19.708	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	24620	19.281	ug/l	96
82) 4-Chlorotoluene	12.86	91	247405	20.197	ug/l	97
83) tert-Butylbenzene	13.08	119	241670	19.696	ug/l	100
84) 1,2,4-Trimethylbenzene	13.12	105	285866	19.578	ug/l	99
85) sec-Butylbenzene	13.25	105	350206	19.625	ug/l	100
86) p-Isopropyltoluene	13.37	119	305729	19.697	ug/l	98
87) 1,3-Dichlorobenzene	13.37	146	148273	19.782	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	147177	19.831	ug/l	98
89) n-Butylbenzene	13.70	91	314332	20.030	ug/l	99
90) Hexachloroethane	13.96	117	57921	20.258	ug/l	97
91) 1,2-Dichlorobenzene	13.74	146	136906	20.306	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	10761	18.507	ug/l	97

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

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QLast Update : Wed Nov 27 12:40:47 2019
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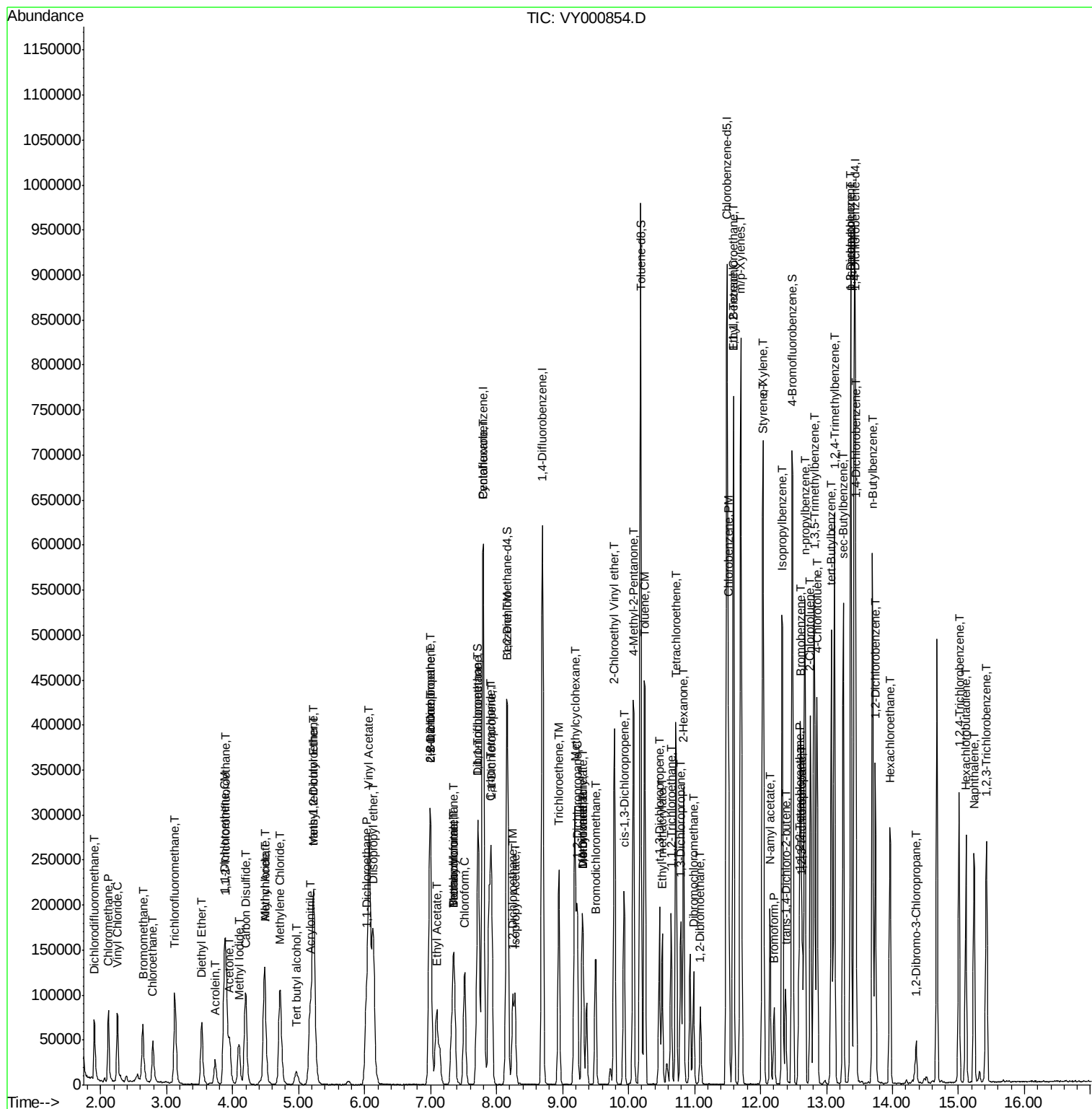
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	92196	20.209	ug/l	98
94) Hexachlorobutadiene	15.11	225	45715	20.211	ug/l	99
95) Naphthalene	15.23	128	205011	19.353	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	79591	19.532	ug/l	99

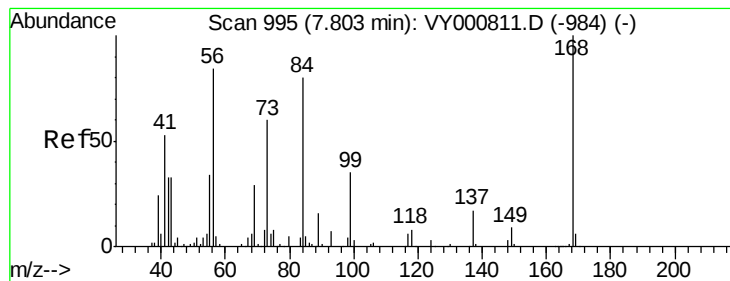
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.01 min

Lab File: VY000854.D

Acq: 04 Dec 2019 11:44

Instrument :

MSVOA_Y

ClientSampleId :

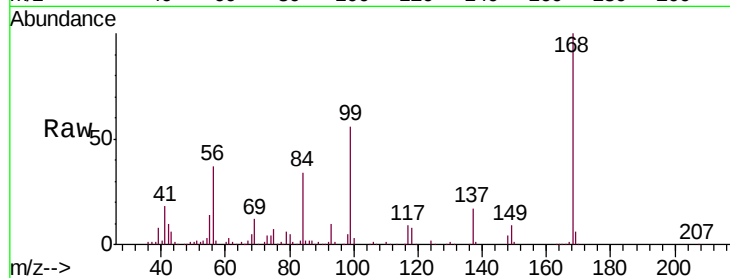
VY1204SBS01

Tgt Ion:168 Resp: 301226

Ion Ratio Lower Upper

168 100

99 56.4 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

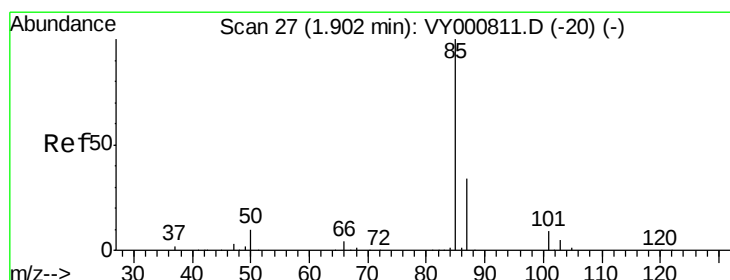
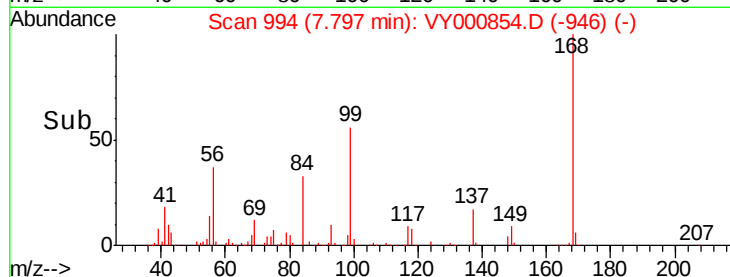
100000

50000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 19.310 ug/l

RT: 1.90 min Scan# 27

Delta R.T. -0.00 min

Lab File: VY000854.D

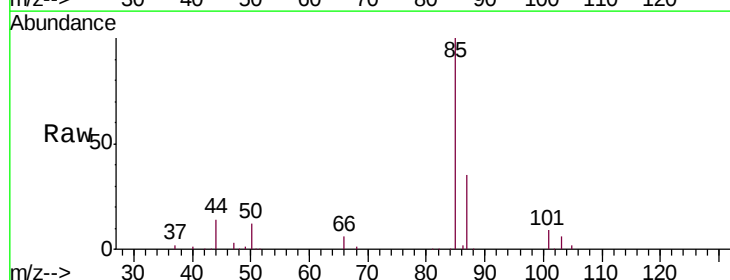
Acq: 04 Dec 2019 11:44

Tgt Ion: 85 Resp: 62616

Ion Ratio Lower Upper

85 100

87 35.2 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

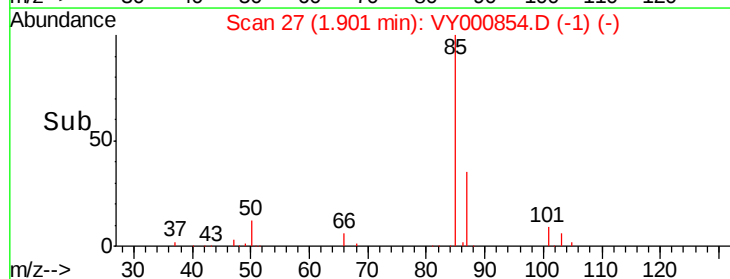
20000

10000

0

1.80 1.90 2.00

Time-->





#3

Chloromethane

Concen: 20.662 ug/l

RT: 2.11 min Scan# 62

Delta R.T. -0.00 min

Lab File: VY000854.D

Acq: 04 Dec 2019 11:44

Instrument :

MSVOA_Y

ClientSampleId :

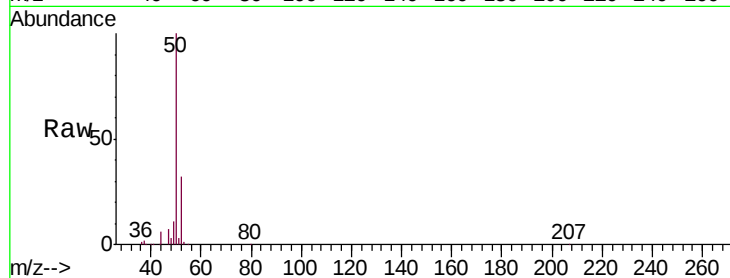
VY1204SBS01

Tgt Ion: 50 Resp: 82589

Ion Ratio Lower Upper

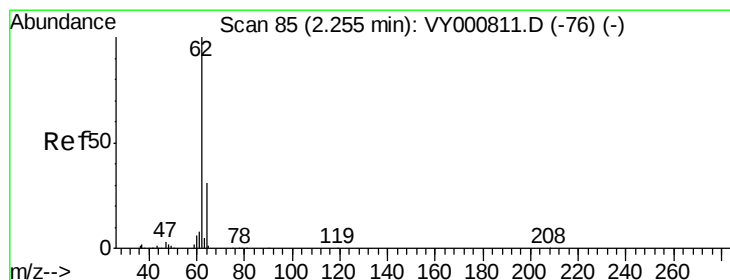
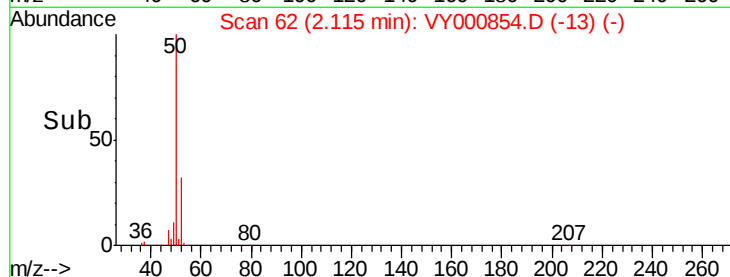
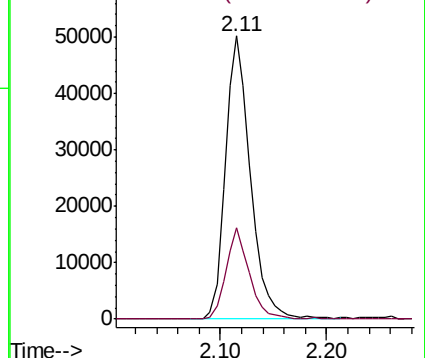
50 100

52 32.1 26.0 39.0



Abundance Ion 49.90 (49.60 to 50.60): VY000854.D (-55) (-)

Ion 51.90 (51.60 to 52.60): VY000854.D (-55) (-)



#4

Vinyl Chloride

Concen: 20.139 ug/l

RT: 2.25 min Scan# 84

Delta R.T. -0.01 min

Lab File: VY000854.D

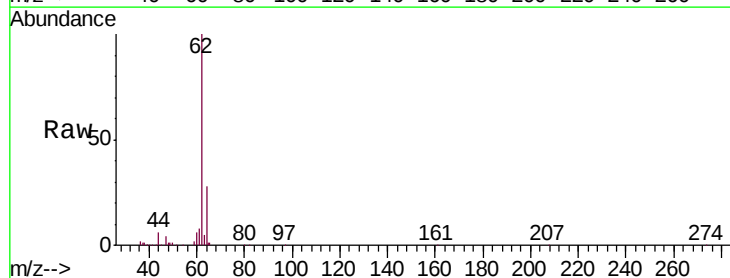
Acq: 04 Dec 2019 11:44

Tgt Ion: 62 Resp: 79334

Ion Ratio Lower Upper

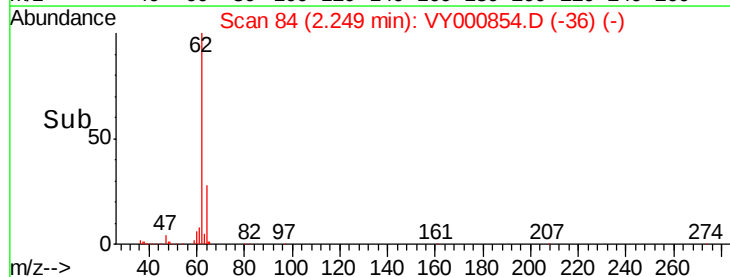
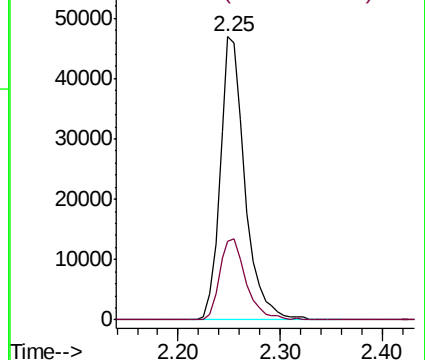
62 100

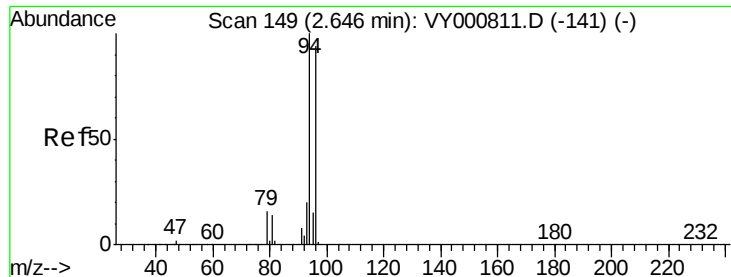
64 27.9 25.1 37.7



Abundance Ion 61.90 (61.60 to 62.60): VY000854.D (-76) (-)

Ion 63.90 (63.60 to 64.60): VY000854.D (-76) (-)





#5

Bromomethane

Concen: 19.502 ug/l

RT: 2.64 min Scan# 148

Delta R.T. -0.01 min

Lab File: VY000854.D

Acq: 04 Dec 2019 11:44

Instrument :

MSVOA_Y

ClientSampleId :

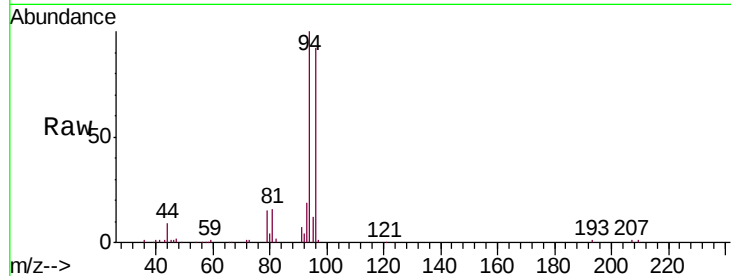
VY1204SBS01

Tgt Ion: 94 Resp: 49960

Ion Ratio Lower Upper

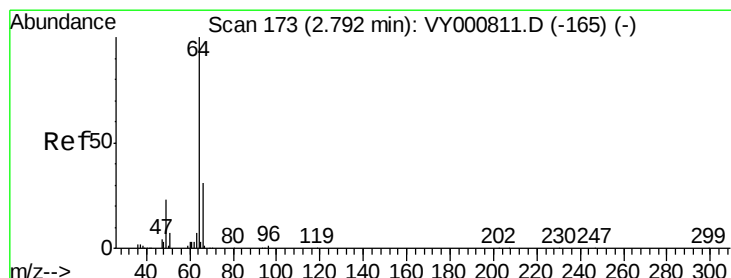
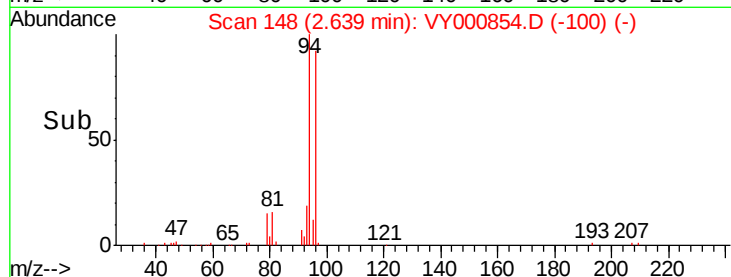
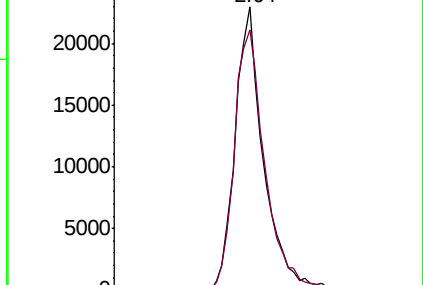
94 100

96 92.1 75.2 112.8



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 20.671 ug/l

RT: 2.79 min Scan# 173

Delta R.T. -0.00 min

Lab File: VY000854.D

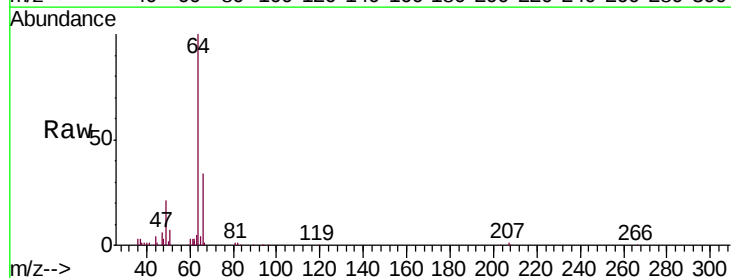
Acq: 04 Dec 2019 11:44

Tgt Ion: 64 Resp: 49926

Ion Ratio Lower Upper

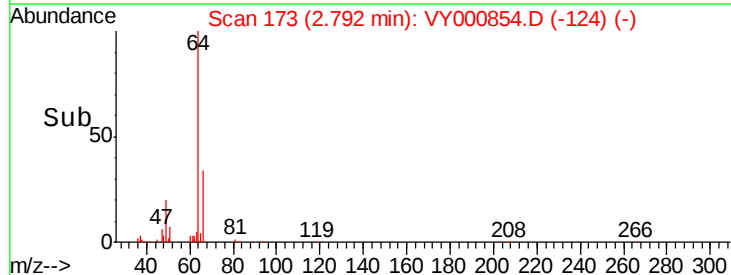
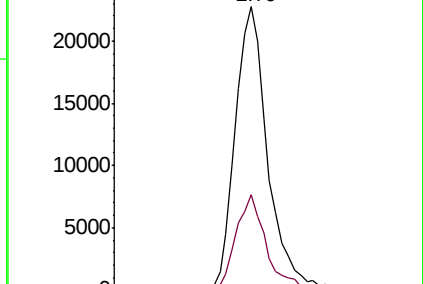
64 100

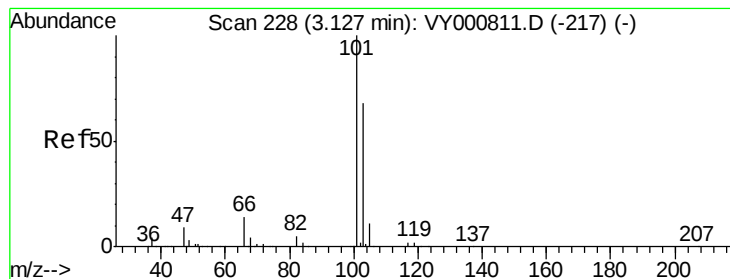
66 33.7 25.0 37.4



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0



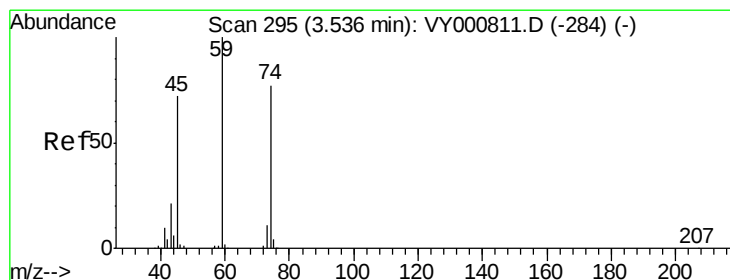
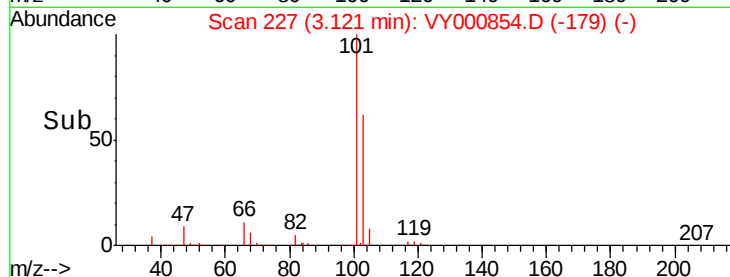
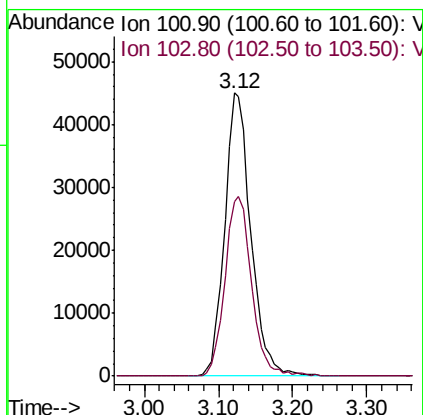
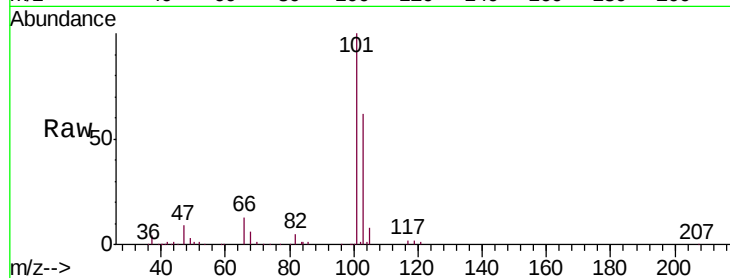


#7

Trichlorofluoromethane
 Concen: 20.449 ug/l
 RT: 3.12 min Scan# 227
 Delta R.T. -0.01 min
 Lab File: VY000854.D
 Acq: 04 Dec 2019 11:44

Instrument :
 MSVOA_Y
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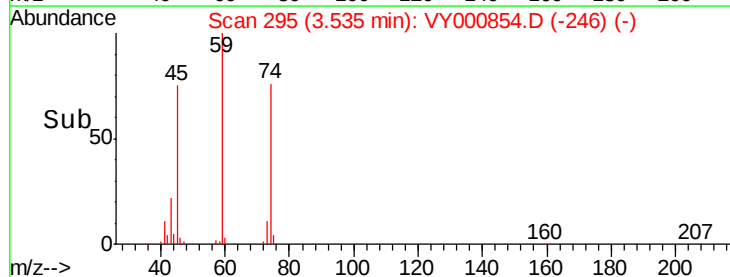
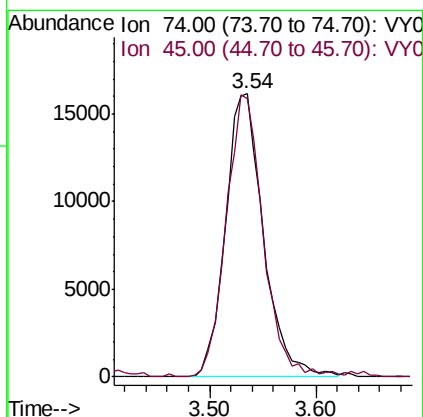
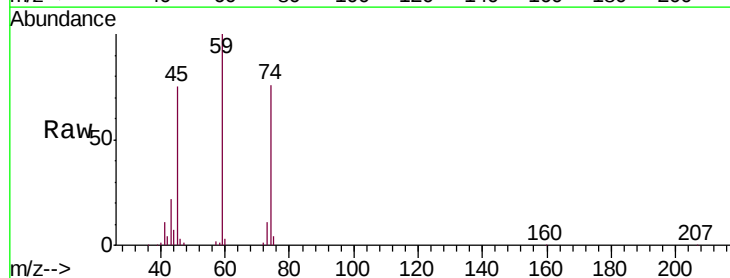
Tgt Ion: 101 Resp: 110395
 Ion Ratio Lower Upper
 101 100
 103 61.8 54.2 81.2

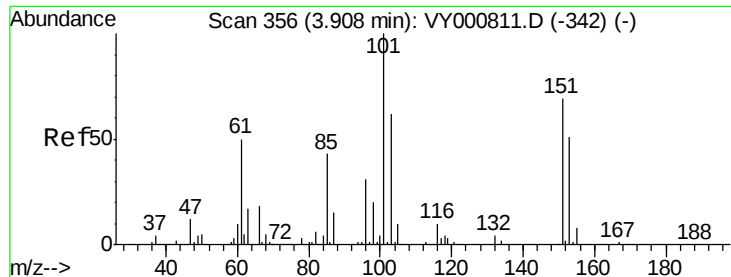


#8

Diethyl Ether
 Concen: 19.824 ug/l
 RT: 3.54 min Scan# 295
 Delta R.T. -0.00 min
 Lab File: VY000854.D
 Acq: 04 Dec 2019 11:44

Tgt Ion: 74 Resp: 40281
 Ion Ratio Lower Upper
 74 100
 45 97.4 49.0 147.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.553 ug/l

RT: 3.90 min Scan# 354

Delta R.T. -0.01 min

Lab File: VY000854.D

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Instrument :

MSVOA_Y

ClientSampleId :

VY1204SBS01

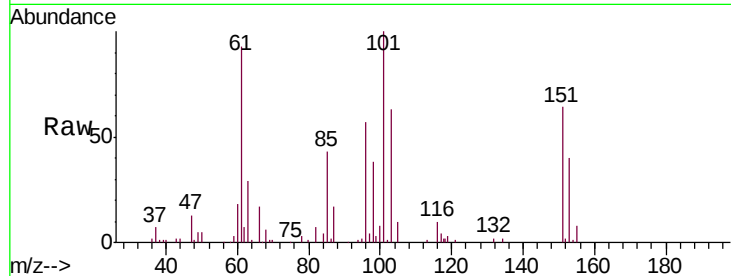
Tgt Ion:101 Resp: 65186

Ion Ratio Lower Upper

101 100

85 46.0 36.0 54.0

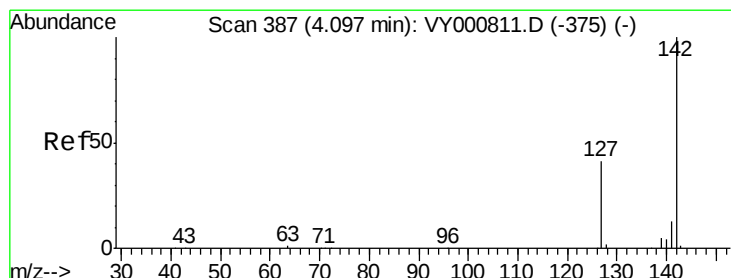
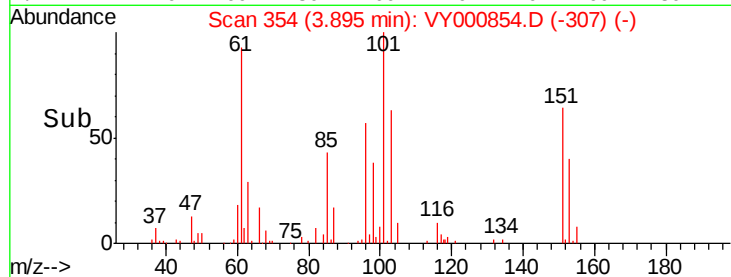
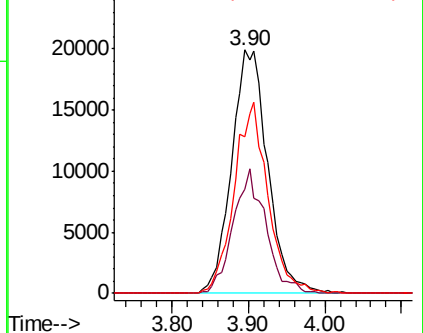
151 73.5 58.2 87.2



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: 18.925 ug/l

RT: 4.10 min Scan# 388

Delta R.T. 0.01 min

Lab File: VY000854.D

Acq: 04 Dec 2019 11:44

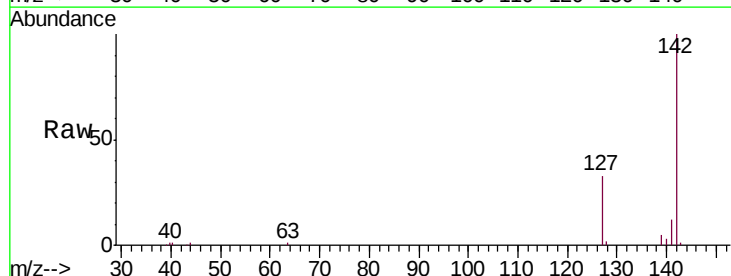
Tgt Ion:142 Resp: 79437

Ion Ratio Lower Upper

142 100

127 39.8 33.8 50.8

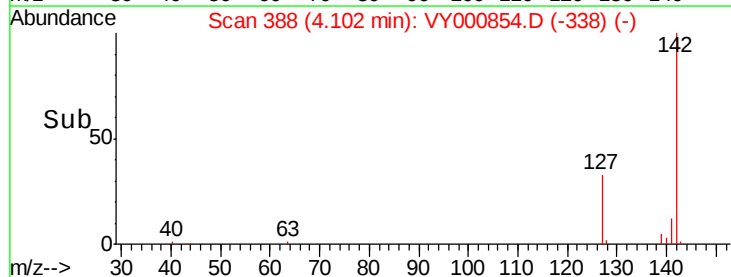
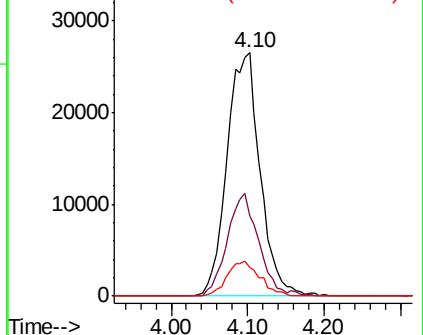
141 13.9 10.9 16.3

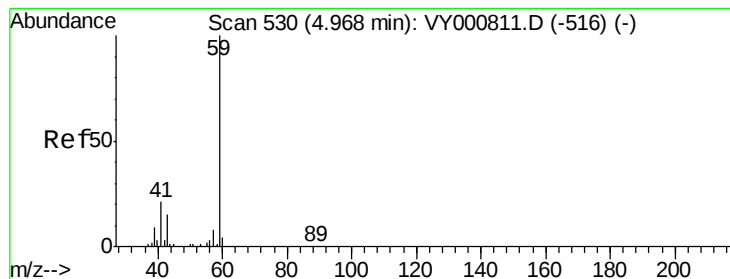


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 91.000 ug/l

RT: 4.97 min Scan# 530

Delta R.T. -0.00 min

Lab File: VY000854.D

Acq: 04 Dec 2019 11:44

Instrument :

MSVOA_Y

ClientSampleId :

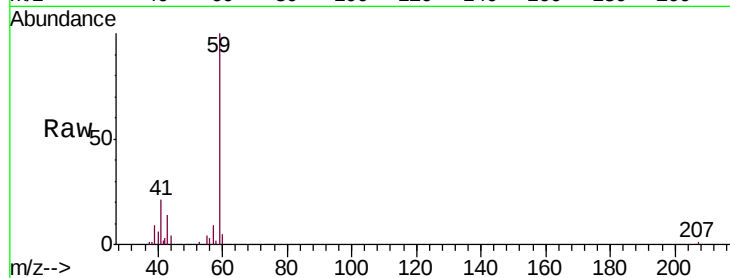
VY1204SBS01

Tgt Ion: 59 Resp: 29304

Ion Ratio Lower Upper

59 100

57 11.2 7.8 11.6



Abundance Ion 59.00 (58.70 to 59.70): VY0

Ion 57.00 (56.70 to 57.70): VY0

4.97

8000

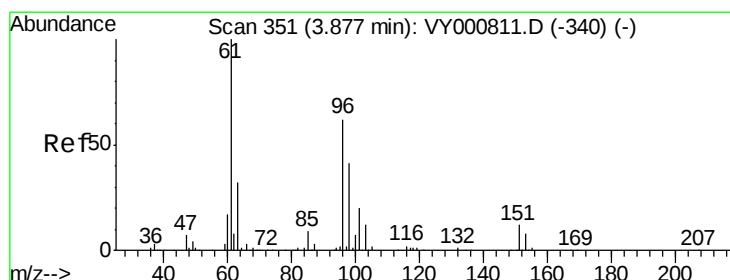
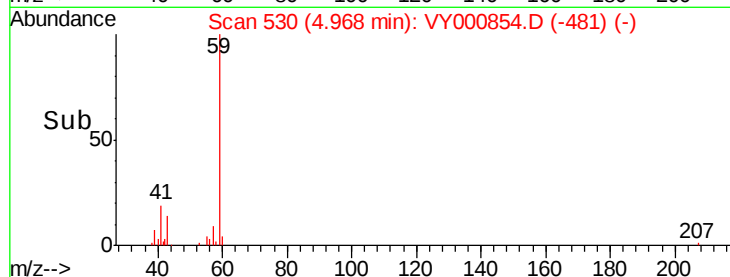
6000

4000

2000

0

Time--> 4.80 4.90 5.00 5.10



#12

1,1-Dichloroethene

Concen: 19.685 ug/l

RT: 3.88 min Scan# 351

Delta R.T. -0.00 min

Lab File: VY000854.D

Acq: 04 Dec 2019 11:44

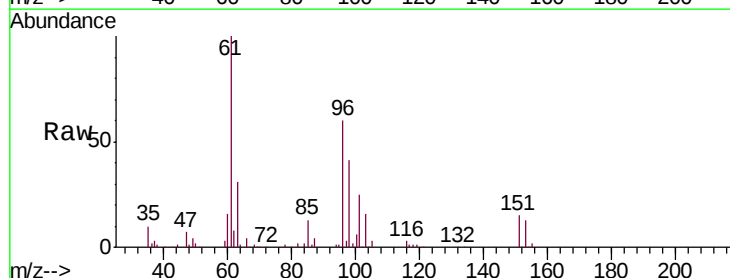
Tgt Ion: 96 Resp: 65014

Ion Ratio Lower Upper

96 100

61 167.2 129.4 194.2

98 68.0 53.4 80.0



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

3.88

50000

40000

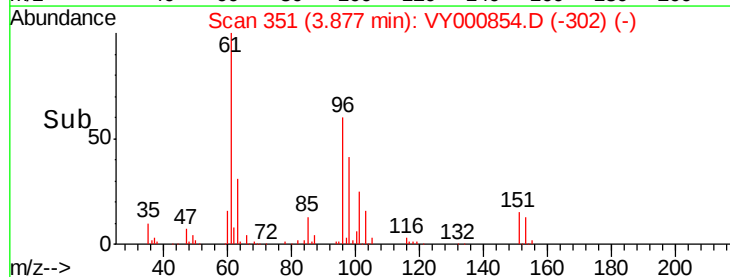
30000

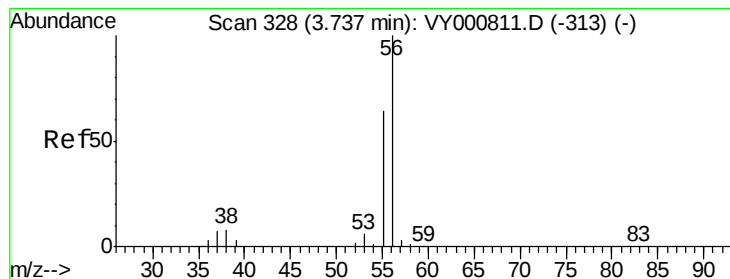
20000

10000

0

Time--> 3.80 3.90 4.00





#13

Acrolein

Concen: 101.588 ug/l

RT: 3.74 min Scan# 328

Delta R.T. -0.00 min

Lab File: VY000854.D

Acq: 04 Dec 2019 11:44

Instrument :

MSVOA_Y

ClientSampleId :

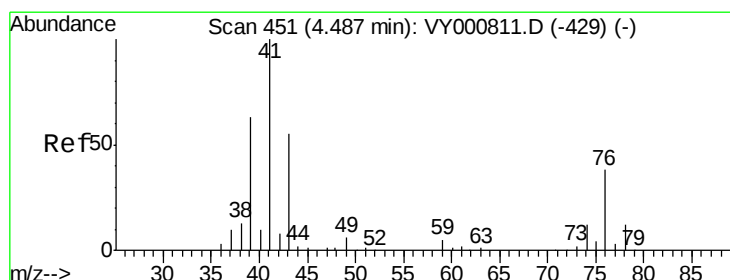
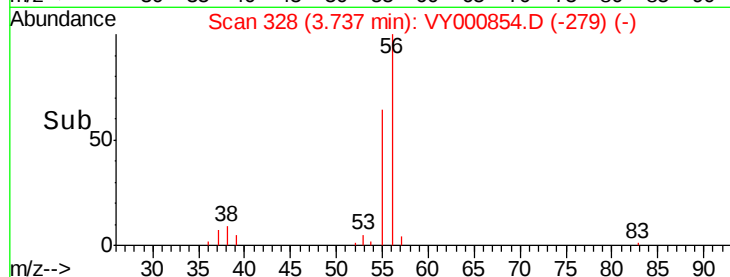
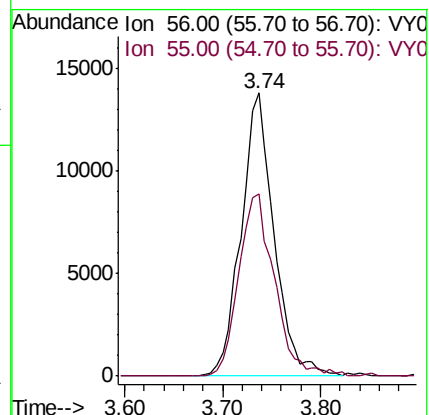
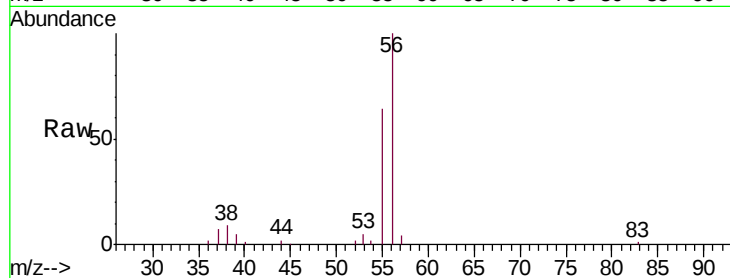
VY1204SBS01

Tgt Ion: 56 Resp: 32225

Ion Ratio Lower Upper

56 100

55 70.0 55.7 83.5



#14

Allyl chloride

Concen: 20.063 ug/l

RT: 4.49 min Scan# 451

Delta R.T. -0.00 min

Lab File: VY000854.D

Acq: 04 Dec 2019 11:44

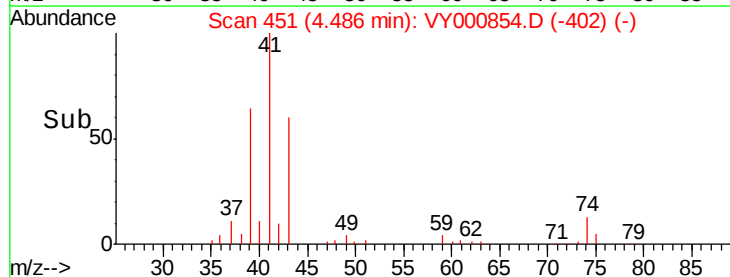
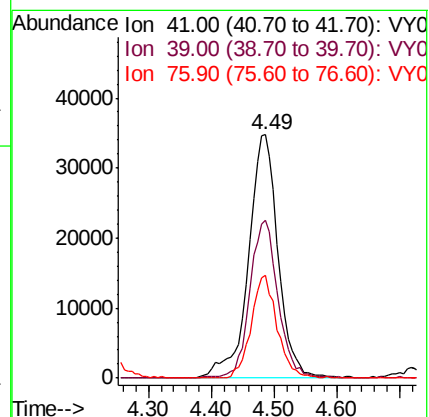
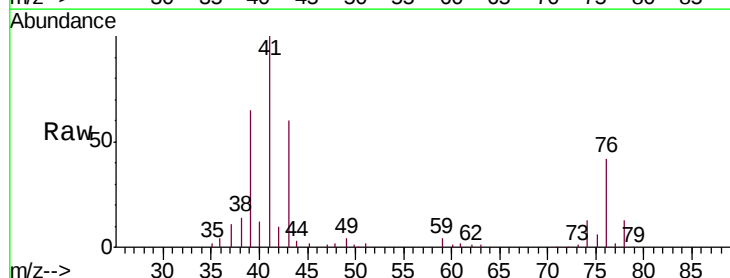
Tgt Ion: 41 Resp: 113617

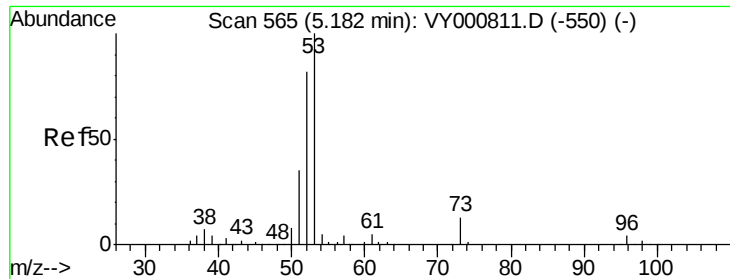
Ion Ratio Lower Upper

41 100

39 61.5 49.2 73.8

76 36.7 29.2 43.8





#15

Acrylonitrile

Concen: 95.798 ug/l

RT: 5.18 min Scan# 564

Delta R.T. -0.01 min

Lab File: VY000854.D

Acq: 04 Dec 2019 11:44

Instrument :

MSVOA_Y

ClientSampleId :

VY1204SBS01

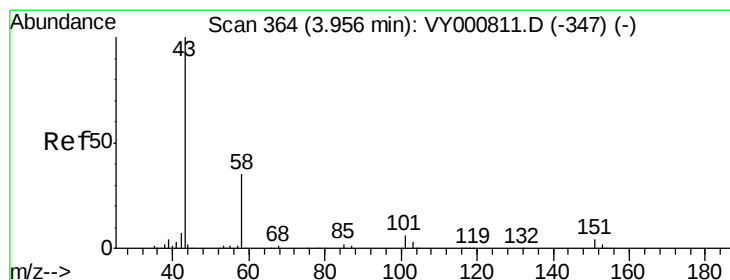
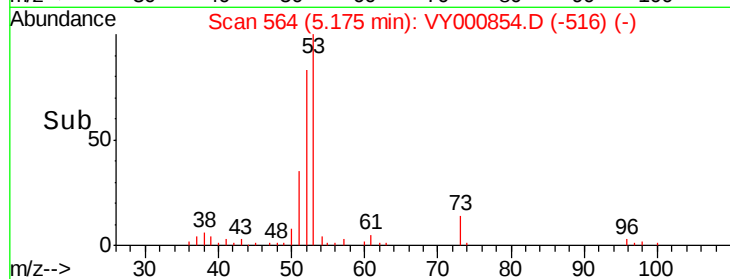
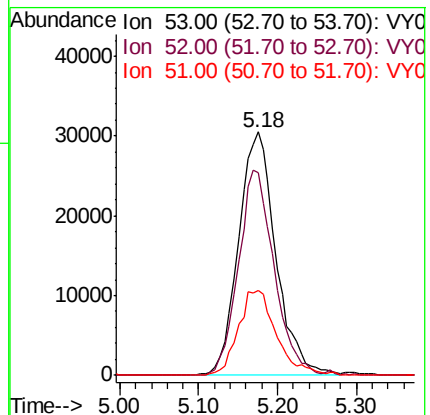
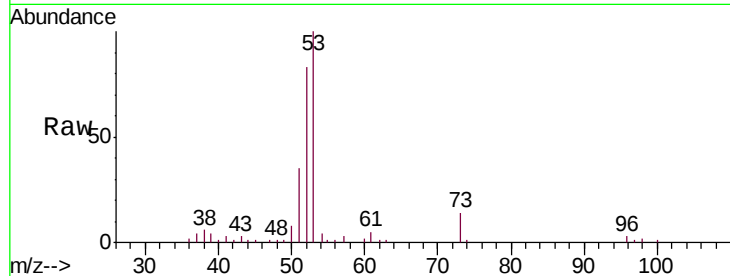
Tgt Ion: 53 Resp: 100514

Ion Ratio Lower Upper

53 100

52 80.5 65.1 97.7

51 35.5 29.0 43.4



#16

Acetone

Concen: 97.575 ug/l

RT: 3.95 min Scan# 363

Delta R.T. -0.01 min

Lab File: VY000854.D

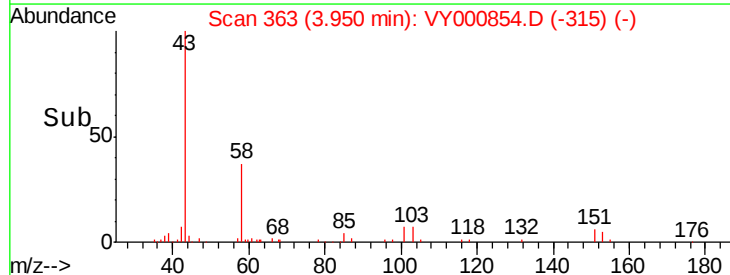
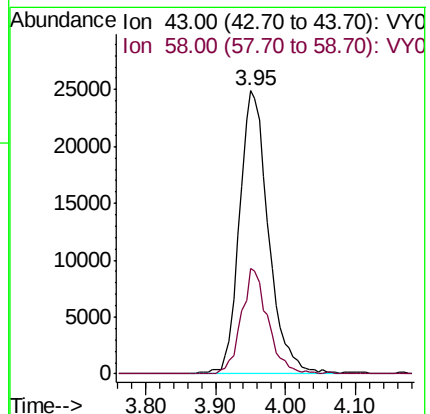
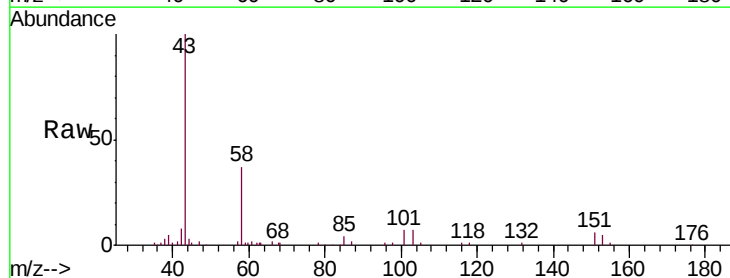
Acq: 04 Dec 2019 11:44

Tgt Ion: 43 Resp: 71645

Ion Ratio Lower Upper

43 100

58 37.2 28.0 42.0

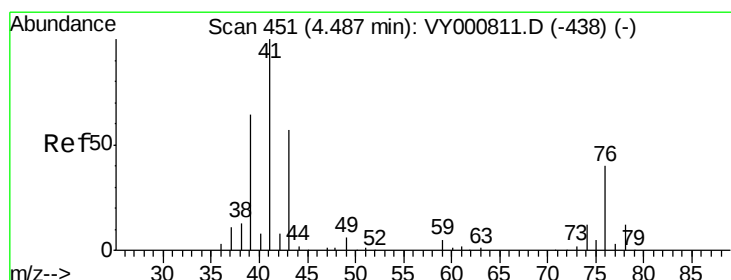
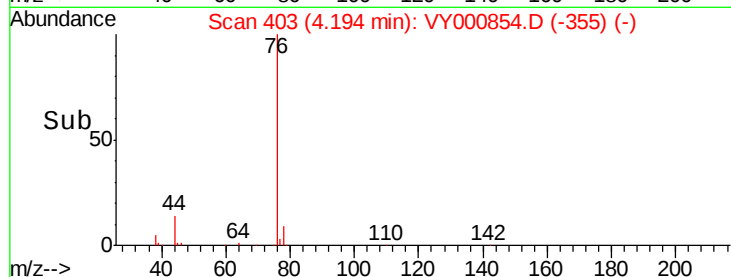
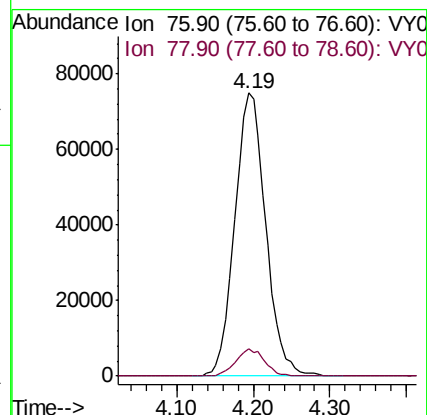
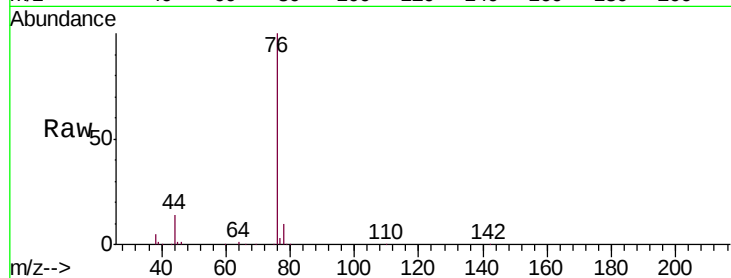




#17
Carbon Disulfide
Concen: 19.653 ug/l
RT: 4.19 min Scan# 403
Delta R.T. -0.01 min
Lab File: VY000854.D
Acq: 04 Dec 2019 11:44

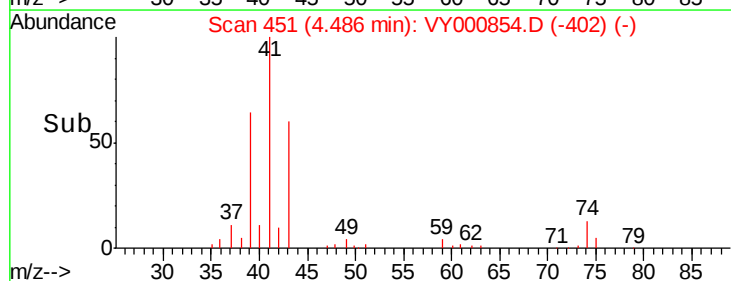
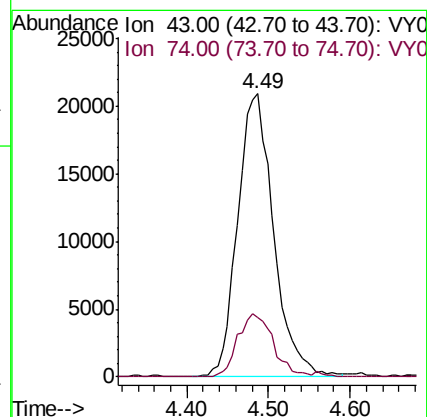
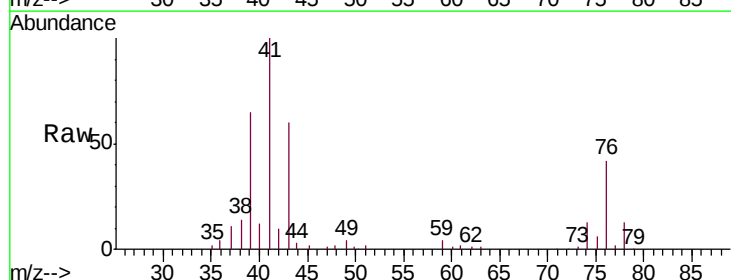
Instrument :
MSVOA_Y
ClientSampleId :
VY1204SBS01

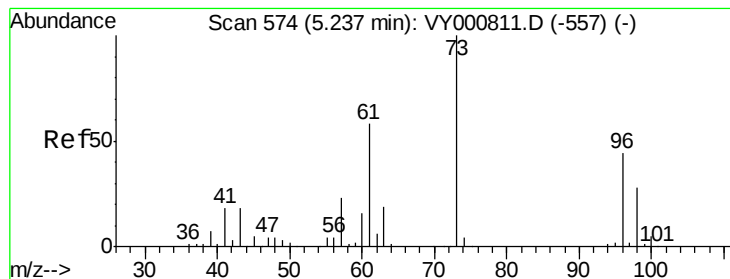
Tgt Ion: 76 Resp: 209938
Ion Ratio Lower Upper
76 100
78 9.9 7.3 10.9



#18
Methyl Acetate
Concen: 20.819 ug/l
RT: 4.49 min Scan# 451
Delta R.T. -0.00 min
Lab File: VY000854.D
Acq: 04 Dec 2019 11:44

Tgt Ion: 43 Resp: 63916
Ion Ratio Lower Upper
43 100
74 22.0 18.5 27.7



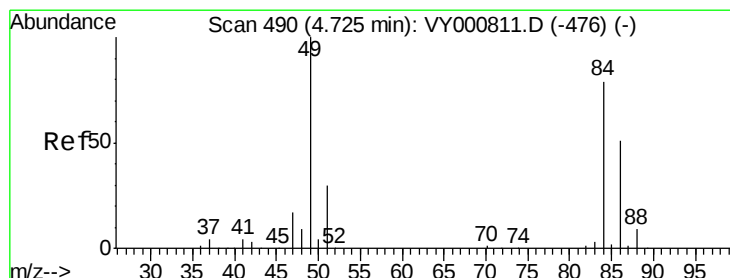
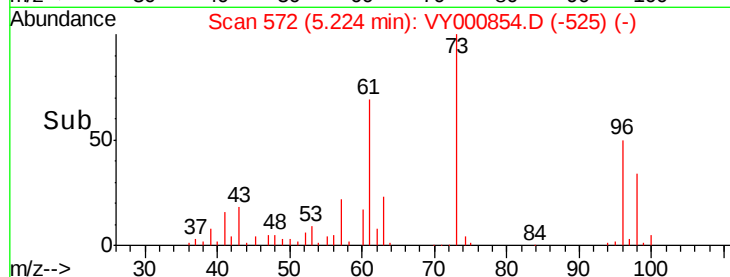
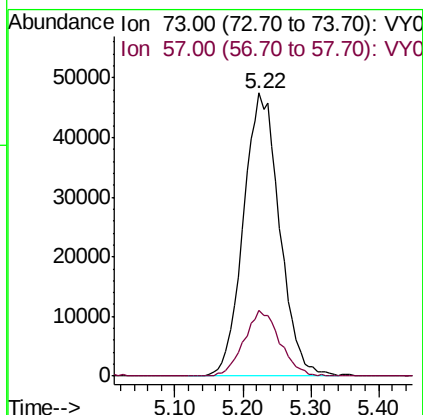
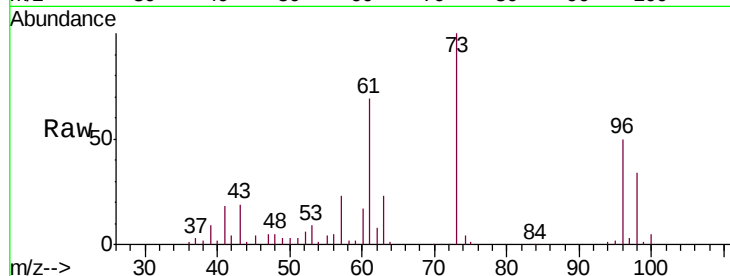


#19

Methyl tert-butyl Ether
 Concen: 19.902 ug/l
 RT: 5.22 min Scan# 572
 Delta R.T. -0.01 min
 Lab File: VY000854.D
 Acq: 04 Dec 2019 11:44

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1204SBS01

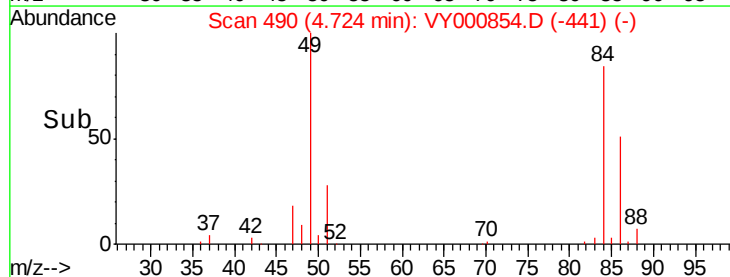
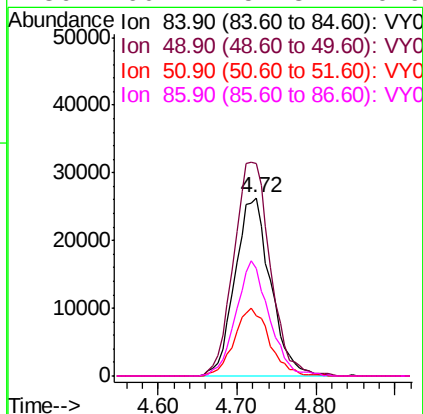
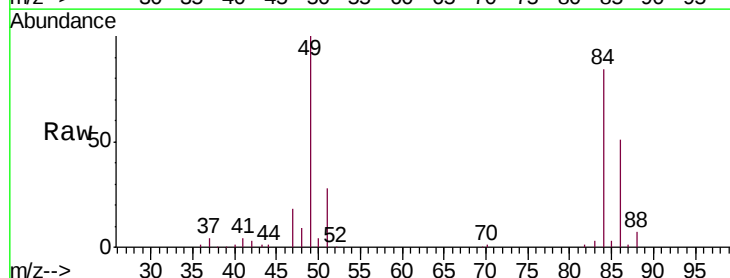
Tgt Ion: 73 Resp: 175548
 Ion Ratio Lower Upper
 73 100
 57 23.2 18.2 27.4

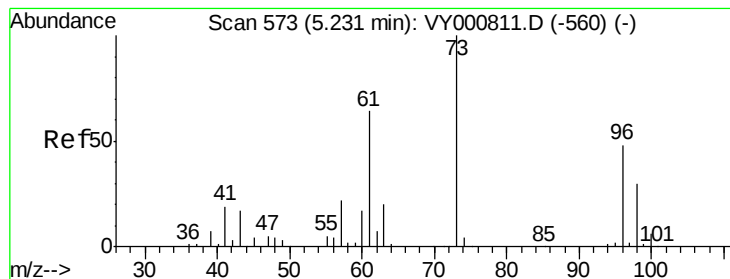


#20

Methylene Chloride
 Concen: 21.307 ug/l
 RT: 4.72 min Scan# 490
 Delta R.T. -0.00 min
 Lab File: VY000854.D
 Acq: 04 Dec 2019 11:44

Tgt Ion: 84 Resp: 82466
 Ion Ratio Lower Upper
 84 100
 49 118.9 101.3 151.9
 51 33.9 30.6 45.8
 86 60.1 51.3 76.9





#21

trans-1,2-Dichloroethene

Concen: 20.056 ug/l

RT: 5.22 min Scan# 572

Delta R.T. -0.01 min

Lab File: VY000854.D

Acq: 04 Dec 2019 11:44

Instrument :

MSVOA_Y

ClientSampleId :

VY1204SBS01

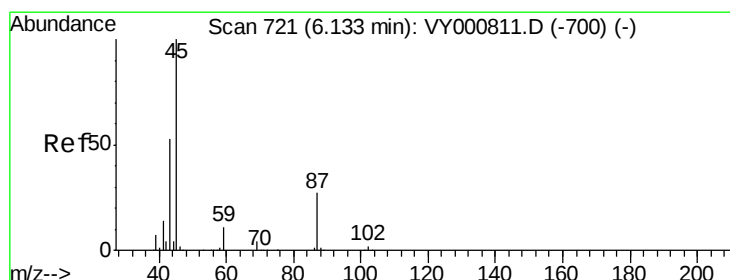
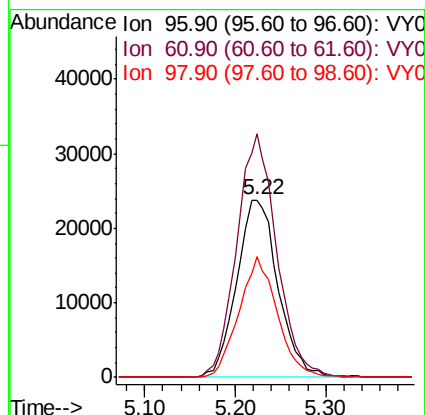
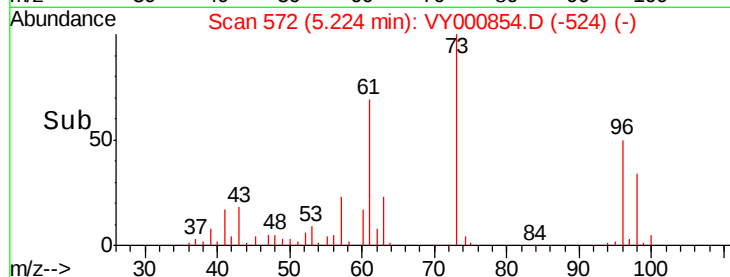
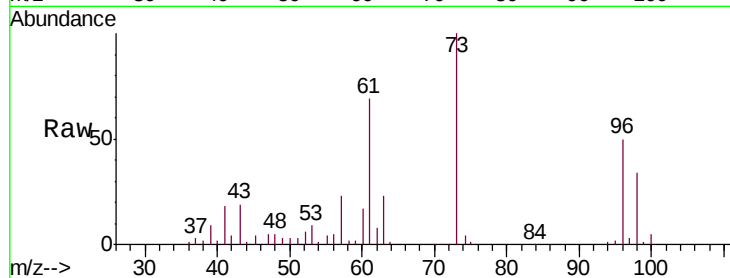
Tgt Ion: 96 Resp: 75290

Ion Ratio Lower Upper

96 100

61 137.0 105.9 158.9

98 68.0 49.4 74.2



#22

Diisopropyl ether

Concen: 20.983 ug/l

RT: 6.13 min Scan# 720

Delta R.T. -0.01 min

Lab File: VY000854.D

Acq: 04 Dec 2019 11:44

Tgt Ion: 45 Resp: 244235

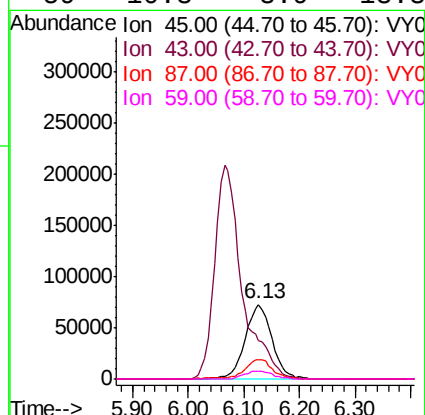
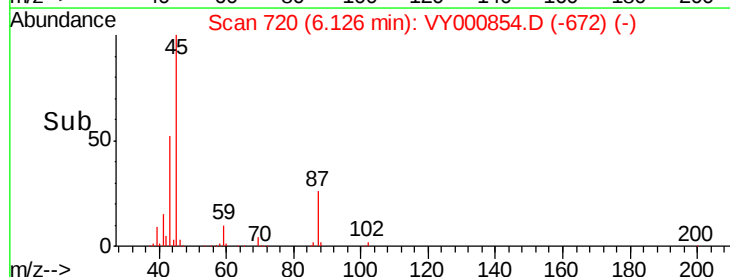
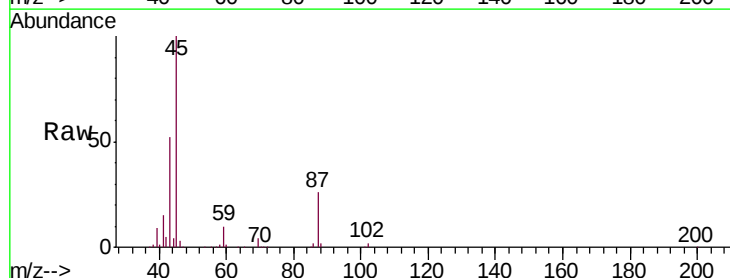
Ion Ratio Lower Upper

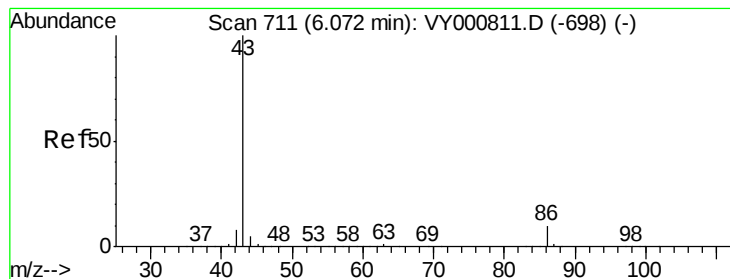
45 100

43 51.7 42.7 64.1

87 25.8 22.0 33.0

59 10.3 8.9 13.3





#23

Vinyl Acetate

Concen: 101.406 ug/l

RT: 6.07 min Scan# 710

Delta R.T. -0.01 min

Lab File: VY000854.D

Acq: 04 Dec 2019 11:44

Instrument :

MSVOA_Y

ClientSampleId :

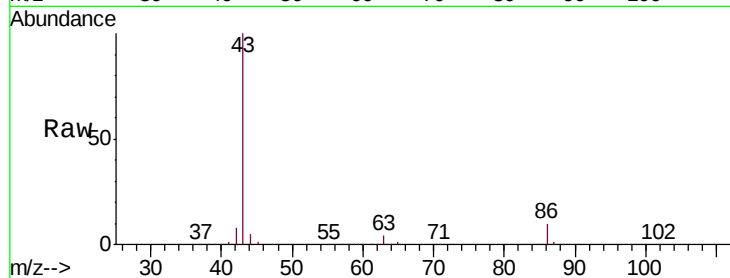
VY1204SBS01

Tgt Ion: 43 Resp: 717553

Ion Ratio Lower Upper

43 100

86 9.9 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

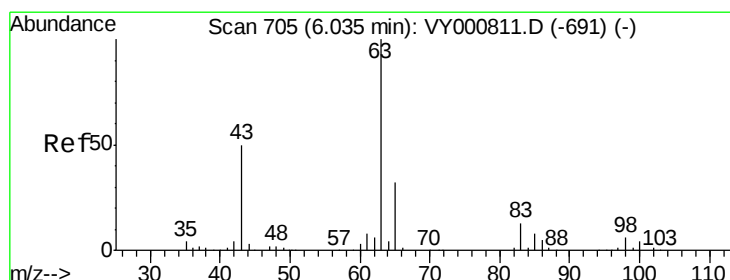
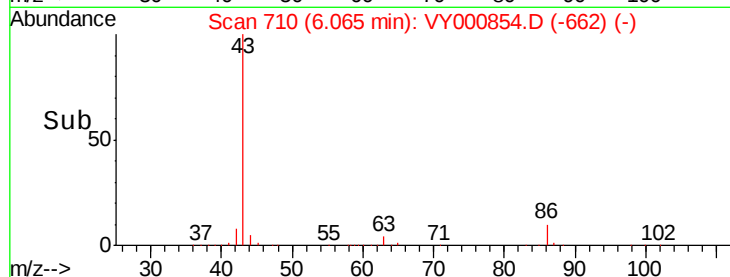
150000

100000

50000

0

Time--> 5.90 6.00 6.10 6.20 6.30



#24

1,1-Dichloroethane

Concen: 20.152 ug/l

RT: 6.03 min Scan# 704

Delta R.T. -0.01 min

Lab File: VY000854.D

Acq: 04 Dec 2019 11:44

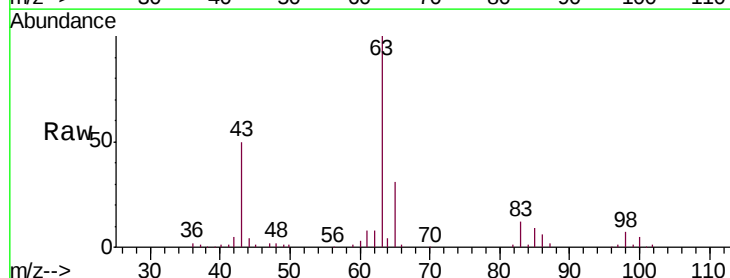
Tgt Ion: 63 Resp: 129278

Ion Ratio Lower Upper

63 100

98 7.3 3.3 9.8

100 4.8 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

6.03

50000

40000

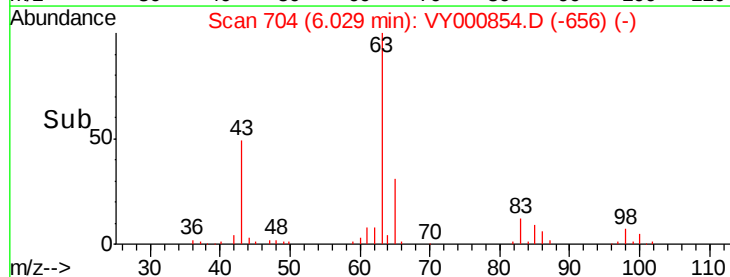
30000

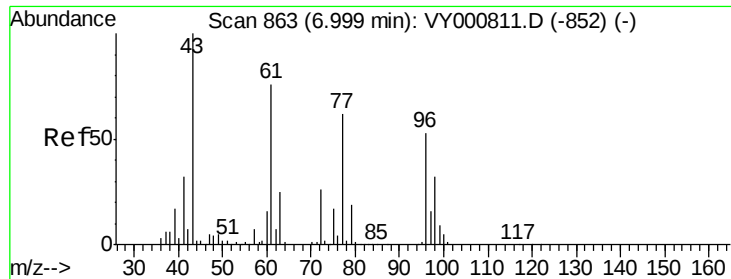
20000

10000

0

Time--> 5.90 6.00 6.10 6.20





#25

2-Butanone

Concen: 93.283 ug/l

RT: 7.00 min Scan# 863

Delta R.T. -0.00 min

Lab File: VY000854.D

Acq: 04 Dec 2019 11:44

Instrument :

MSVOA_Y

ClientSampleId :

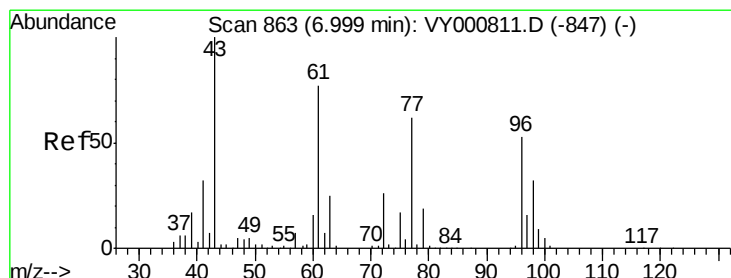
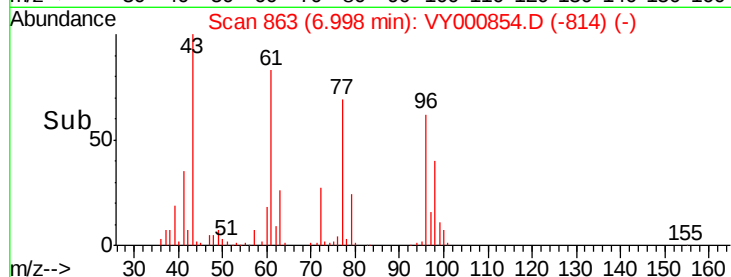
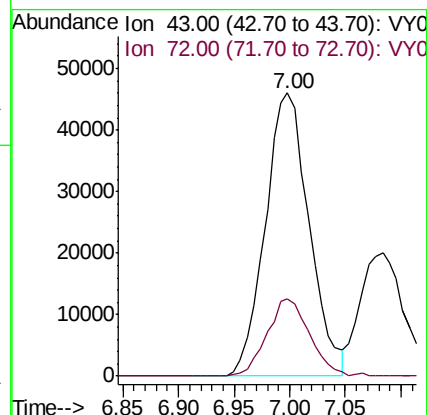
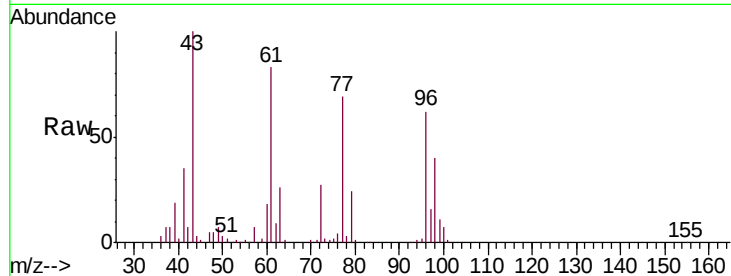
VY1204SBS01

Tgt Ion: 43 Resp: 126526

Ion Ratio Lower Upper

43 100

72 27.2 21.0 31.4



#26

2,2-Dichloropropane

Concen: 19.907 ug/l

RT: 6.99 min Scan# 862

Delta R.T. -0.01 min

Lab File: VY000854.D

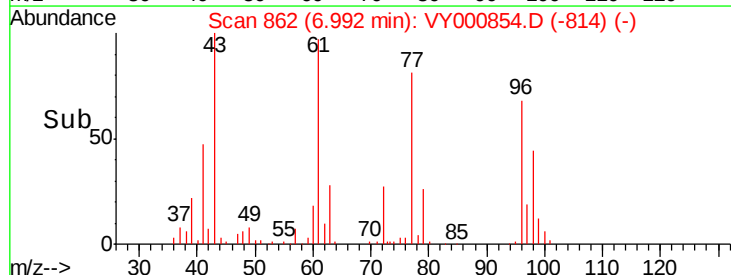
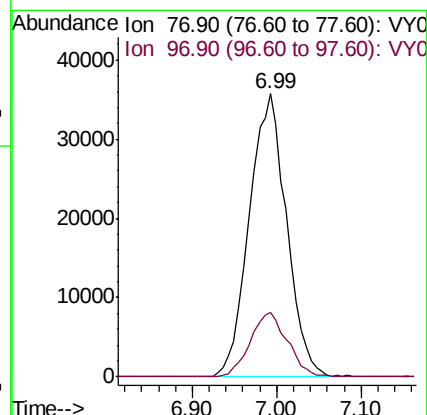
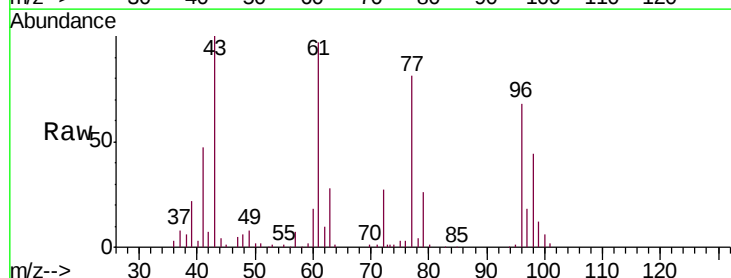
Acq: 04 Dec 2019 11:44

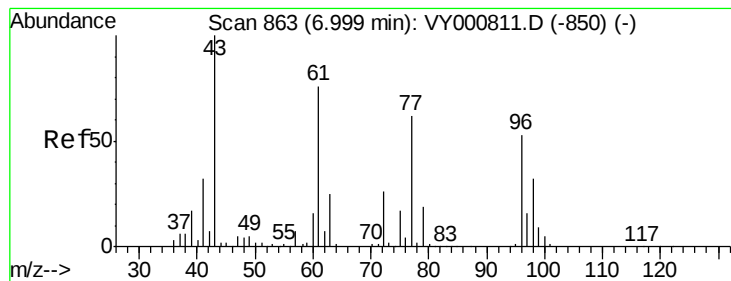
Tgt Ion: 77 Resp: 107487

Ion Ratio Lower Upper

77 100

97 22.6 11.9 35.9



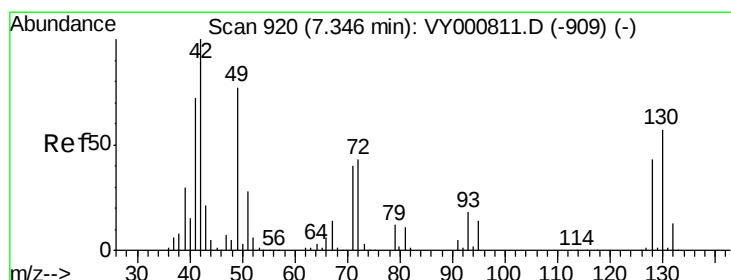
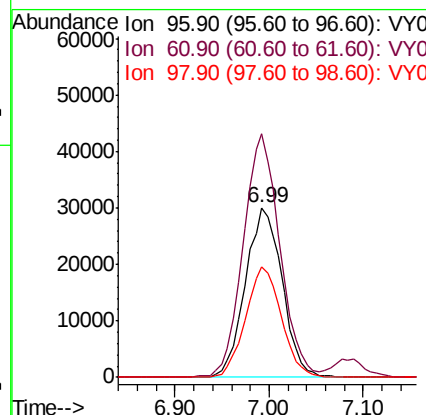
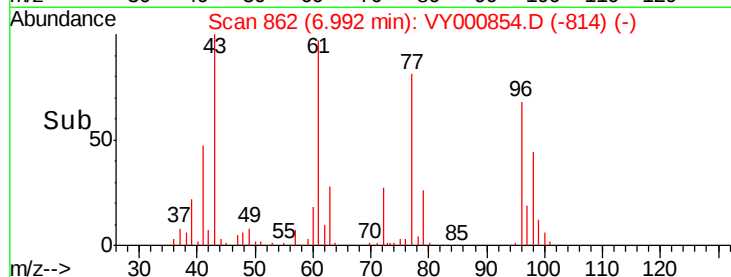
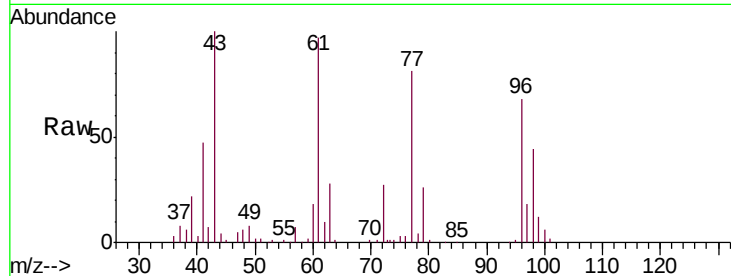


#27

cis-1,2-Dichloroethene
Concen: 20.269 ug/l
RT: 6.99 min Scan# 862
Delta R.T. -0.01 min
Lab File: VY000854.D
Acq: 04 Dec 2019 11:44

Instrument :
MSVOA_Y
ClientSampleId :
VY1204SBS01

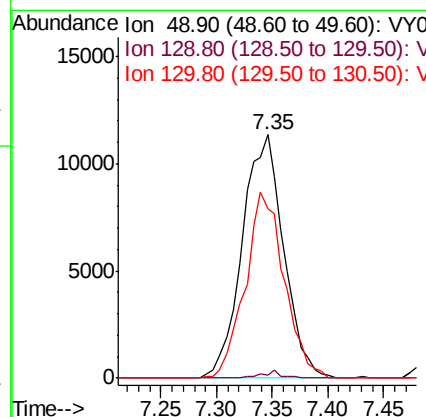
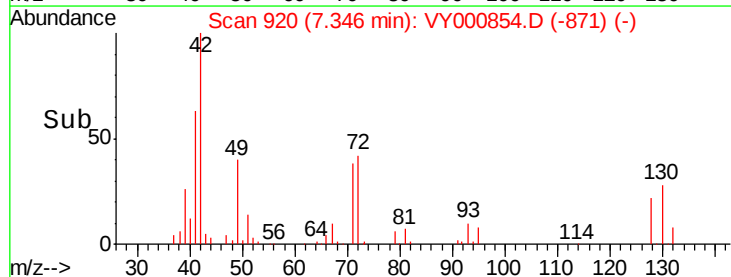
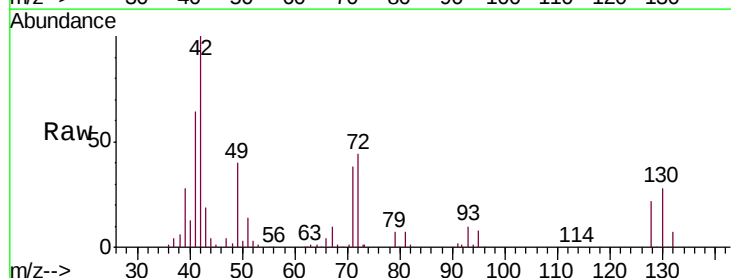
Tgt Ion: 96 Resp: 82250
Ion Ratio Lower Upper
96 100
61 142.4 0.0 285.0
98 63.4 0.0 128.0

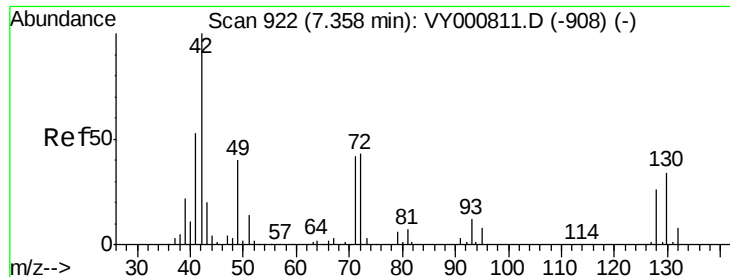


#28

Bromochloromethane
Concen: 13.953 ug/l
RT: 7.35 min Scan# 920
Delta R.T. -0.00 min
Lab File: VY000854.D
Acq: 04 Dec 2019 11:44

Tgt Ion: 49 Resp: 29258
Ion Ratio Lower Upper
49 100
129 1.4 0.0 3.8
130 72.2 58.7 88.1





#29

Tetrahydrofuran

Concen: 101.225 ug/l

RT: 7.35 min Scan# 921

Delta R.T. -0.01 min

Lab File: VY000854.D

Acq: 04 Dec 2019 11:44

Instrument :

MSVOA_Y

ClientSampleId :

VY1204SBS01

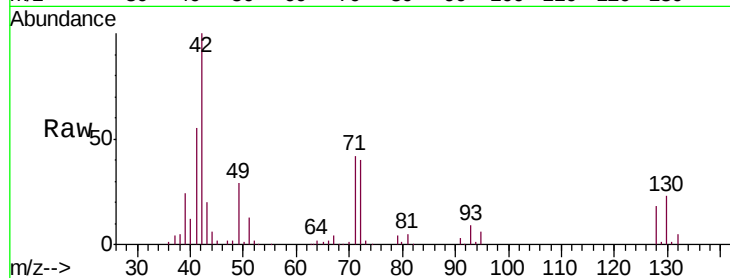
Tgt Ion: 42 Resp: 90981

Ion Ratio Lower Upper

42 100

72 41.3 35.1 52.7

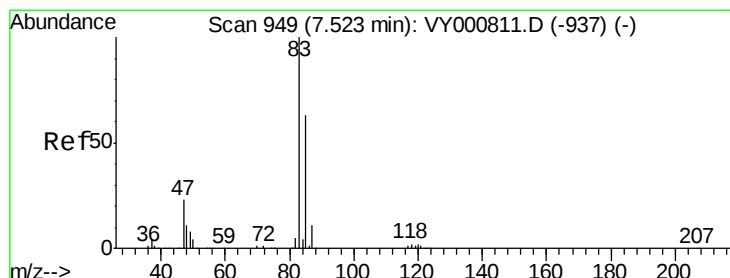
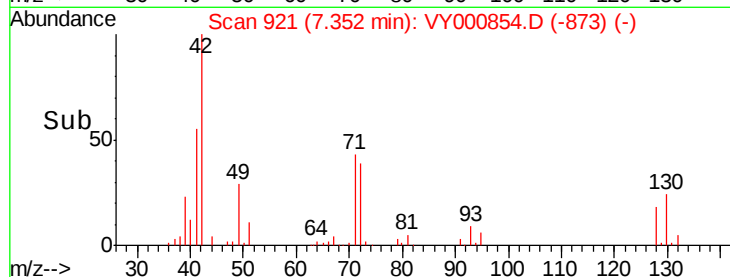
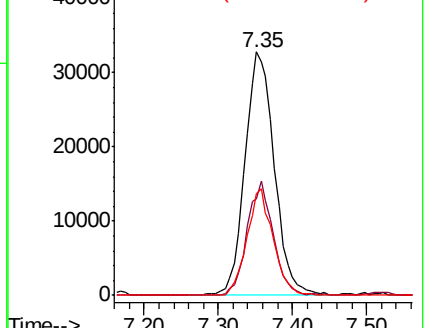
71 39.1 32.8 49.2



Abundance Ion 42.00 (41.70 to 42.70): VY0

Ion 72.00 (71.70 to 72.70): VY0

Ion 71.00 (70.70 to 71.70): VY0



#30

Chloroform

Concen: 19.314 ug/l

RT: 7.52 min Scan# 948

Delta R.T. -0.01 min

Lab File: VY000854.D

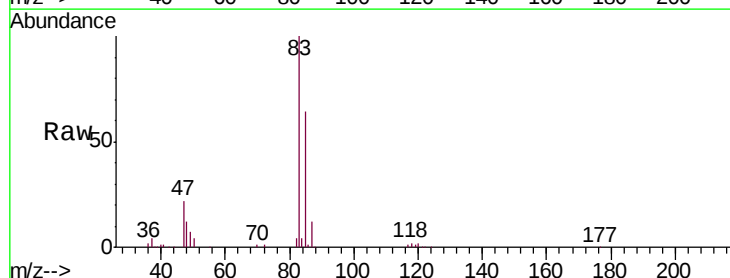
Acq: 04 Dec 2019 11:44

Tgt Ion: 83 Resp: 124299

Ion Ratio Lower Upper

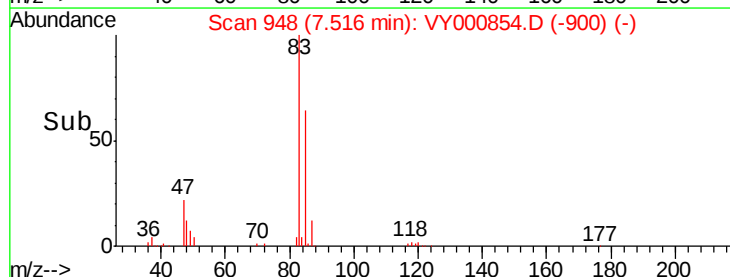
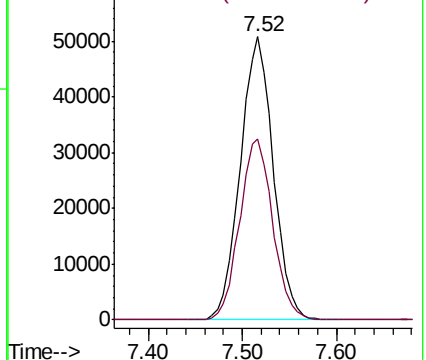
83 100

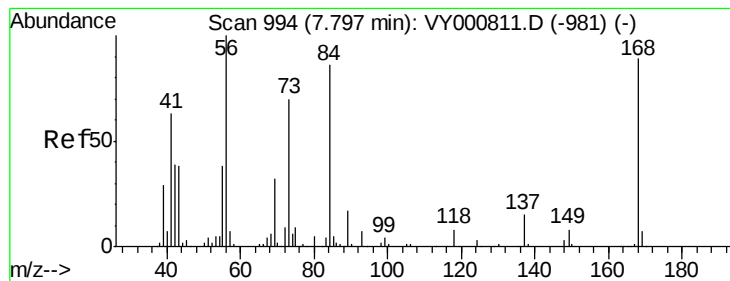
85 63.8 50.4 75.6



Abundance Ion 82.90 (82.60 to 83.60): VY0

Ion 84.90 (84.60 to 85.60): VY0





#31

Cyclohexane

Concen: 20.034 ug/l

RT: 7.79 min Scan# 993

Delta R.T. -0.01 min

Lab File: VY000854.D

Acq: 04 Dec 2019 11:44

Instrument :

MSVOA_Y

ClientSampleId :

VY1204SBS01

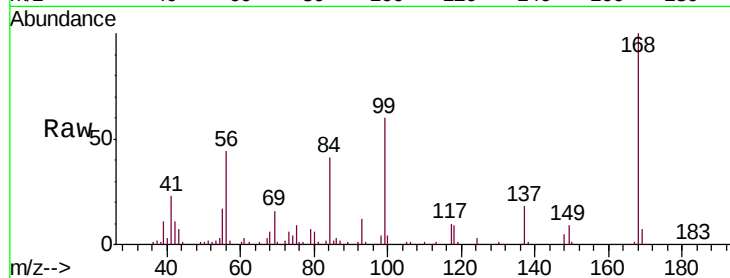
Tgt Ion: 56 Resp: 136151

Ion Ratio Lower Upper

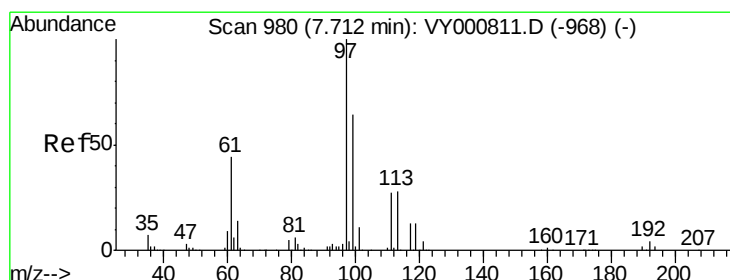
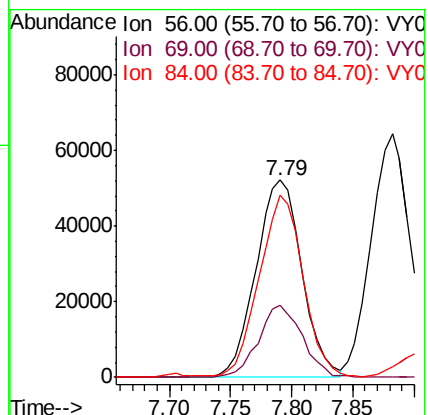
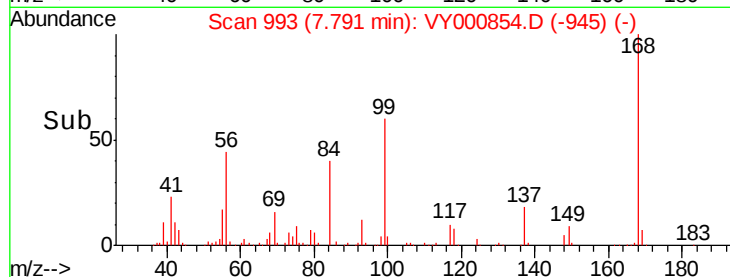
56 100

69 36.3 25.9 38.9

84 91.3 68.6 102.8



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



#32

1,1,1-Trichloroethane

Concen: 20.107 ug/l

RT: 7.71 min Scan# 980

Delta R.T. -0.00 min

Lab File: VY000854.D

Acq: 04 Dec 2019 11:44

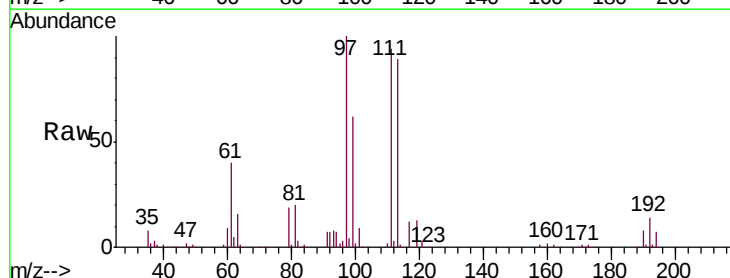
Tgt Ion: 97 Resp: 106853

Ion Ratio Lower Upper

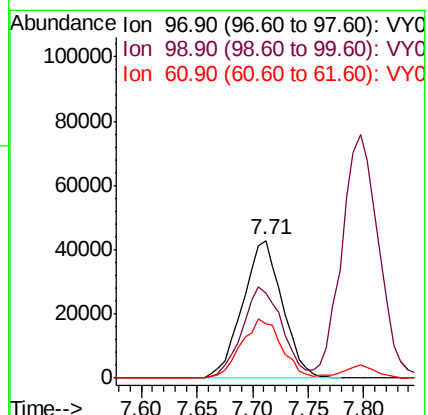
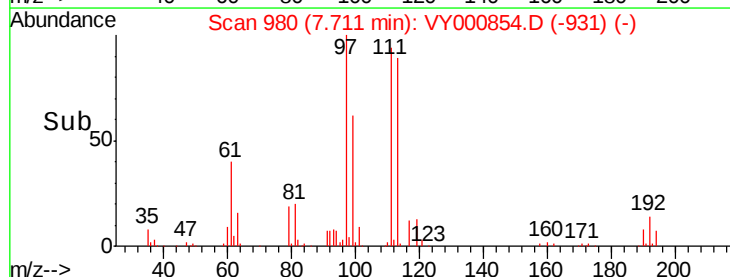
97 100

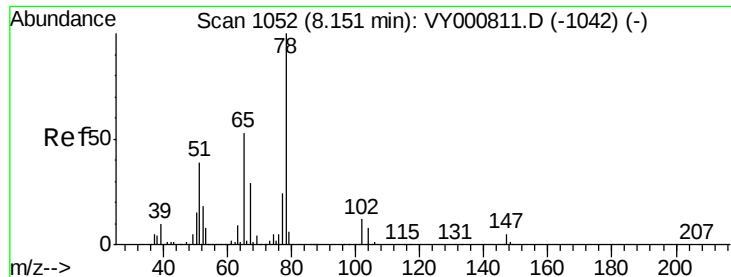
99 66.2 51.7 77.5

61 43.8 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

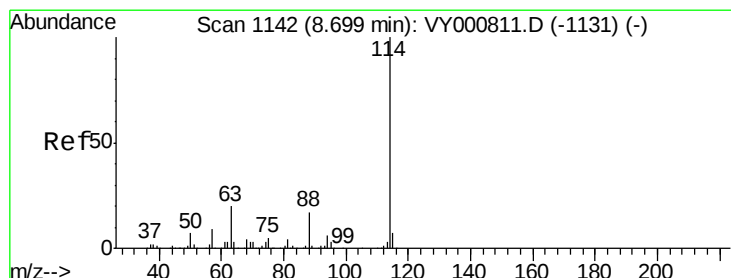
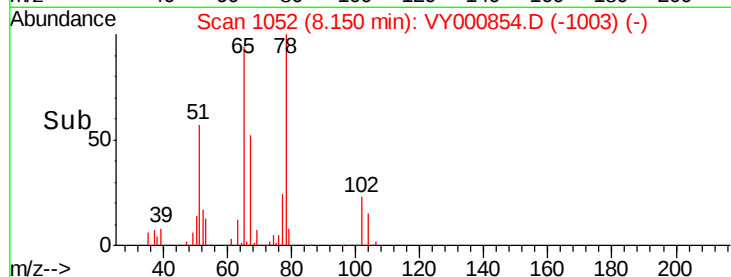
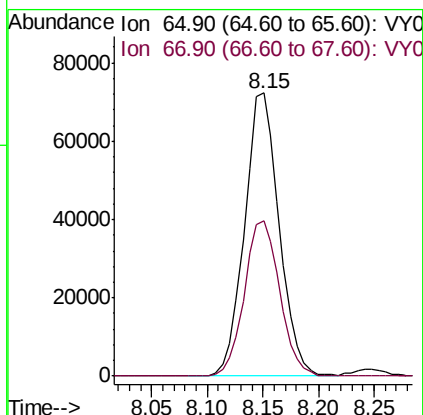
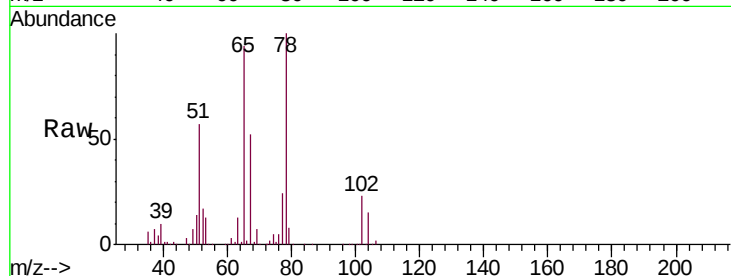




#33
 1,2-Dichloroethane-d4
 Concen: 48.822 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. -0.00 min
 Lab File: VY000854.D
 Acq: 04 Dec 2019 11:44

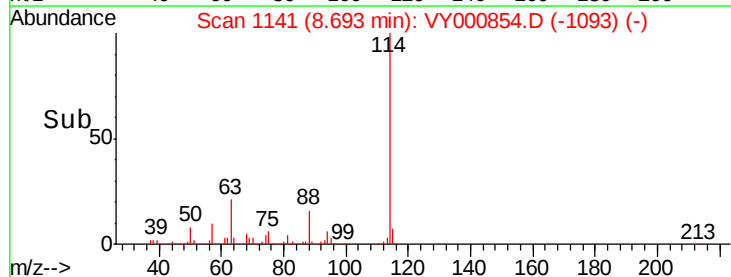
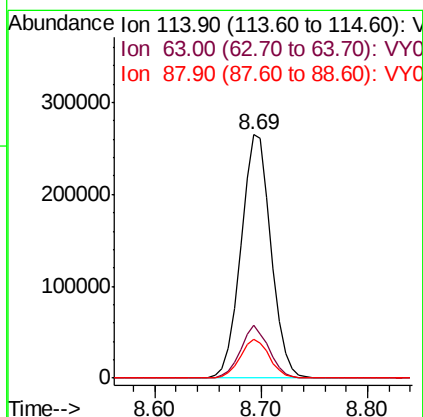
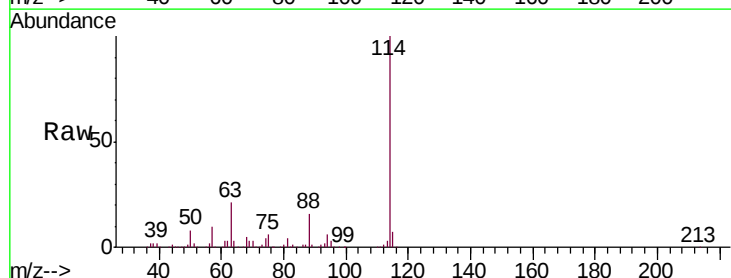
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1204SBS01

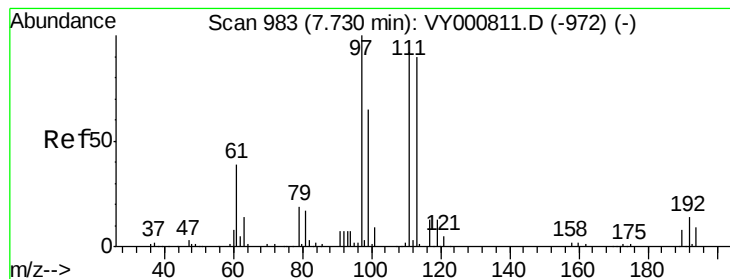
Tgt Ion: 65 Resp: 156269
 Ion Ratio Lower Upper
 65 100
 67 56.1 0.0 112.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.01 min
 Lab File: VY000854.D
 Acq: 04 Dec 2019 11:44

Tgt Ion: 114 Resp: 523128
 Ion Ratio Lower Upper
 114 100
 63 21.5 0.0 39.8
 88 15.9 0.0 33.2





#35

Dibromofluoromethane

Concen: 47.839 ug/l

RT: 7.72 min Scan# 982

Delta R.T. -0.01 min

Lab File: VY000854.D

Acq: 04 Dec 2019 11:44

Instrument :

MSVOA_Y

ClientSampleId :

VY1204SBS01

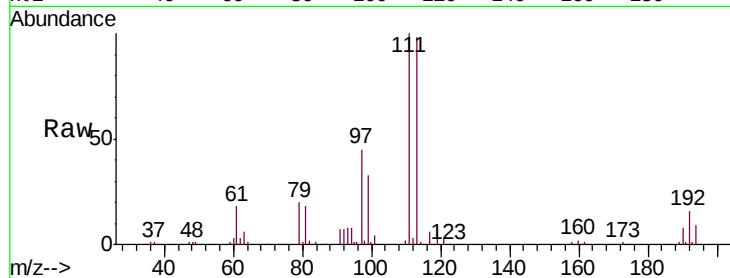
Tgt Ion:113 Resp: 145850

Ion Ratio Lower Upper

113 100

111 103.2 82.4 123.6

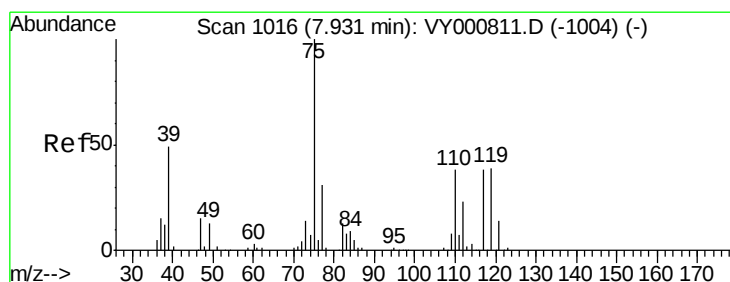
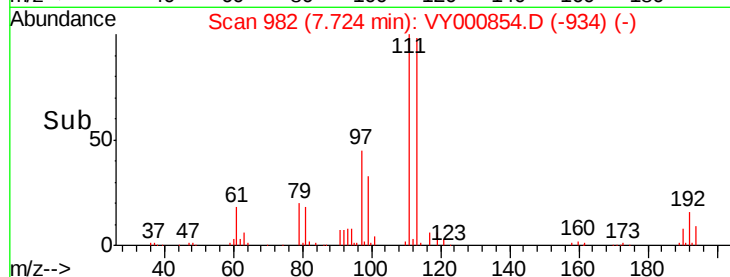
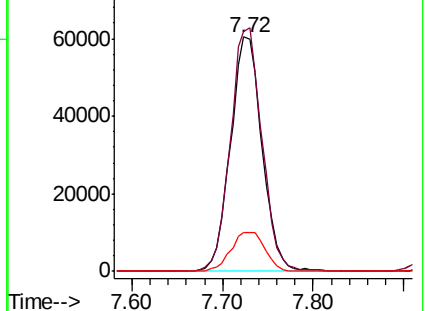
192 18.1 14.2 21.2



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 19.589 ug/l

RT: 7.92 min Scan# 1015

Delta R.T. -0.01 min

Lab File: VY000854.D

Acq: 04 Dec 2019 11:44

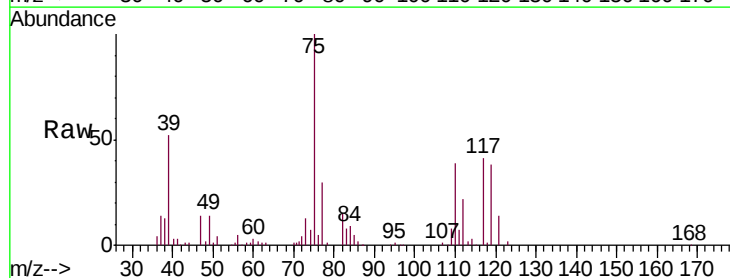
Tgt Ion: 75 Resp: 101894

Ion Ratio Lower Upper

75 100

110 37.4 17.9 53.7

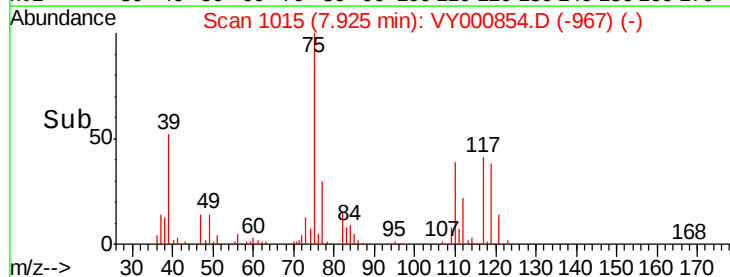
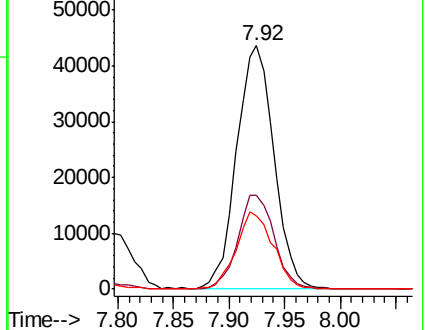
77 31.4 24.7 37.1

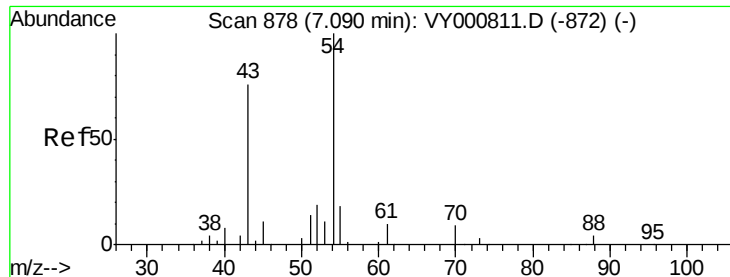


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VY0

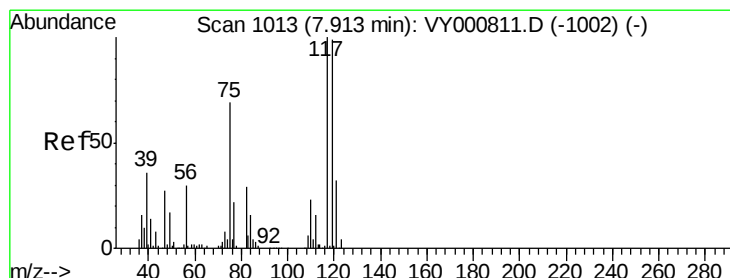
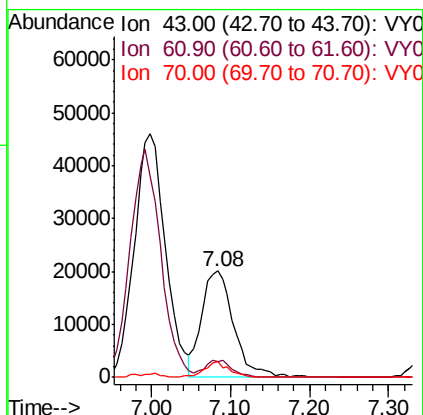
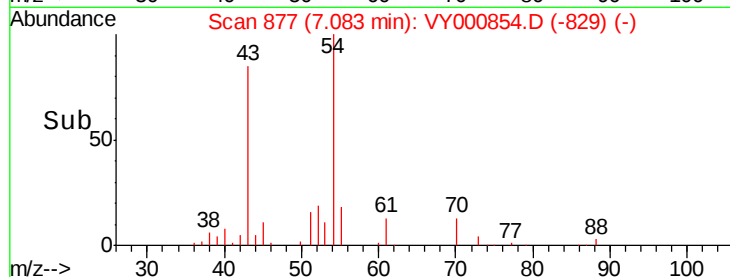
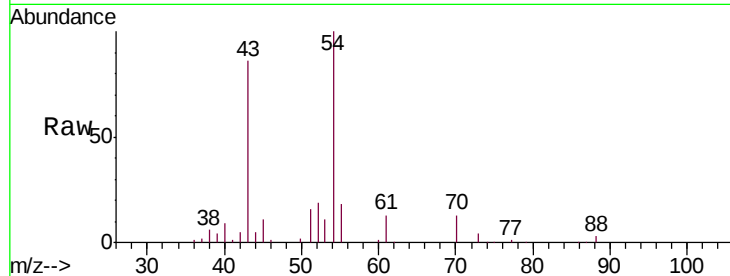




#37
Ethyl Acetate
Concen: 19.081 ug/l
RT: 7.08 min Scan# 877
Delta R.T. -0.01 min
Lab File: VY000854.D
Acq: 04 Dec 2019 11:44

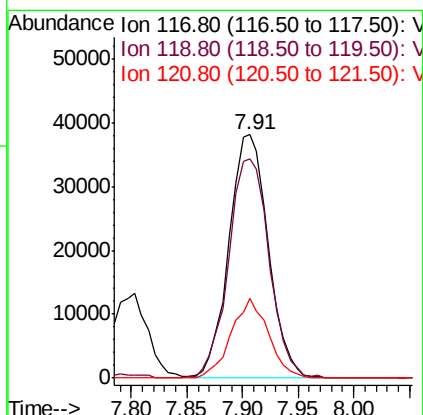
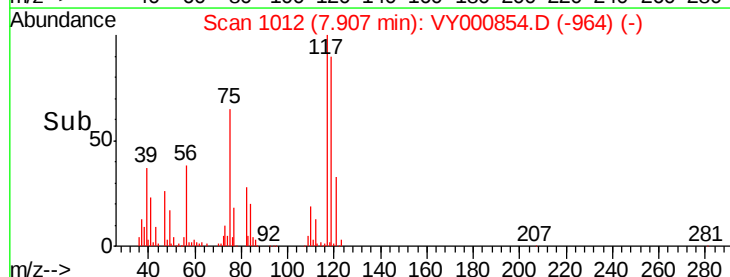
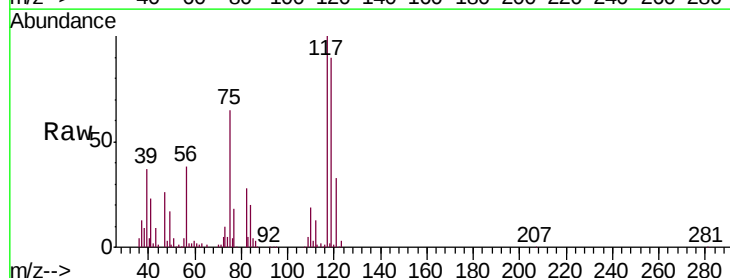
Instrument :
MSVOA_Y
ClientSampleId :
VY1204SBS01

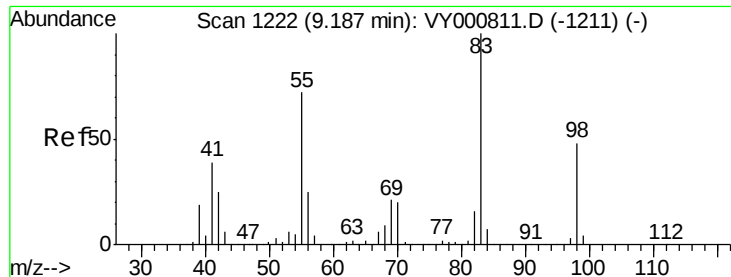
Tgt Ion: 43 Resp: 57308
Ion Ratio Lower Upper
43 100
61 13.8 11.8 17.8
70 11.2 8.7 13.1



#38
Carbon Tetrachloride
Concen: 20.129 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. -0.01 min
Lab File: VY000854.D
Acq: 04 Dec 2019 11:44

Tgt Ion: 117 Resp: 93242
Ion Ratio Lower Upper
117 100
119 89.9 79.3 118.9
121 32.8 25.5 38.3

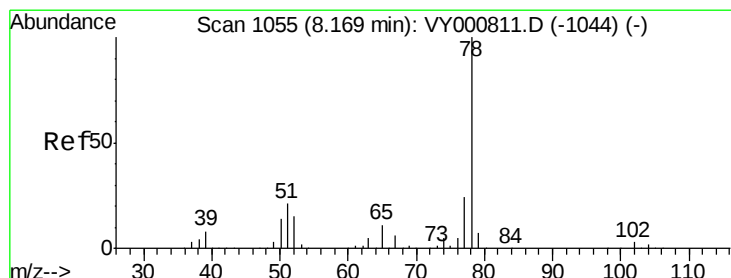
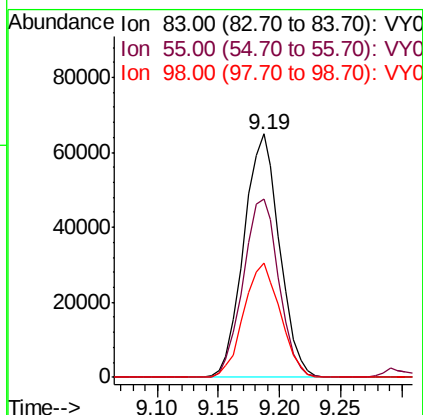
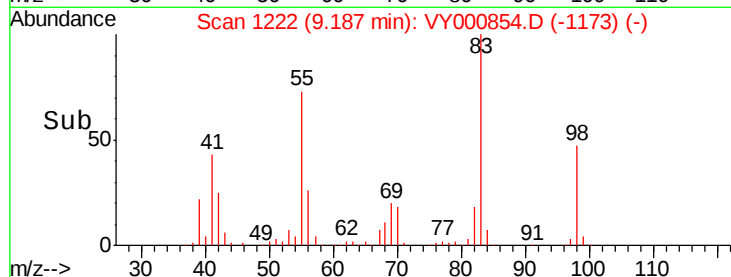
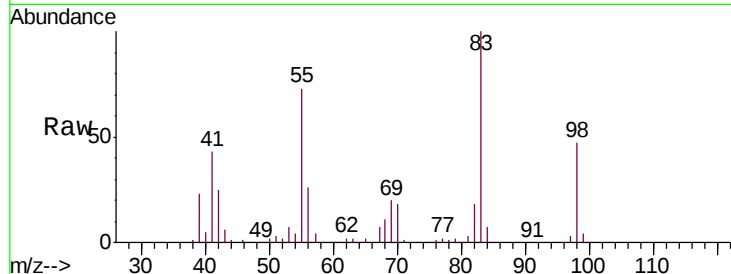




#39
Methylcyclohexane
Concen: 19.104 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.00 min
Lab File: VY000854.D
Acq: 04 Dec 2019 11:44

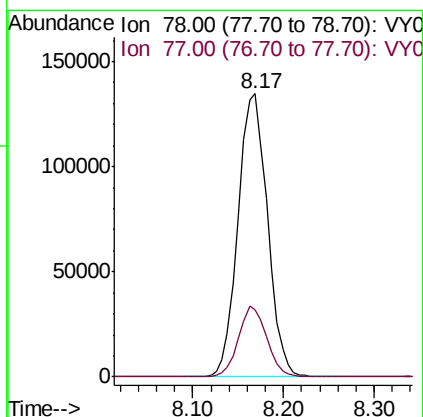
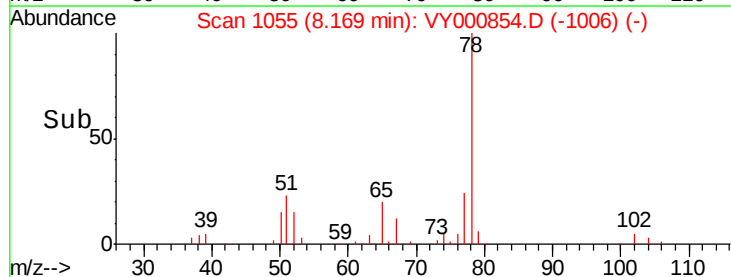
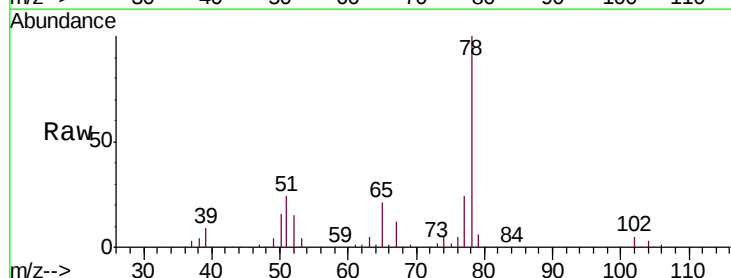
Instrument :
MSVOA_Y
ClientSampleId :
VY1204SBS01

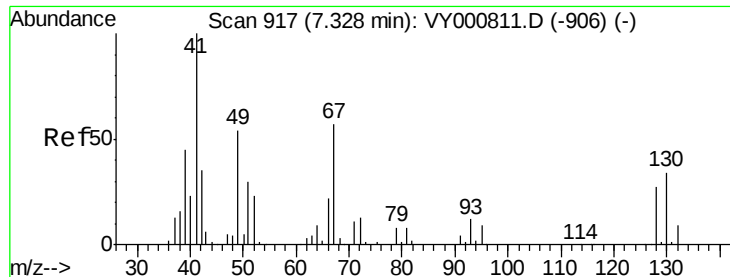
Tgt Ion: 83 Resp: 131654
Ion Ratio Lower Upper
83 100
55 73.4 57.8 86.6
98 46.8 38.6 58.0



#40
Benzene
Concen: 20.059 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. -0.00 min
Lab File: VY000854.D
Acq: 04 Dec 2019 11:44

Tgt Ion: 78 Resp: 303919
Ion Ratio Lower Upper
78 100
77 23.8 19.2 28.8





#41

Methacrylonitrile

Concen: 49.667 ug/l

RT: 7.35 min Scan# 920

Delta R.T. 0.02 min

Lab File: VY000854.D

Acq: 04 Dec 2019 11:44

Instrument :

MSVOA_Y

ClientSampleId :

VY1204SBS01

Tgt Ion: 41 Resp: 78621

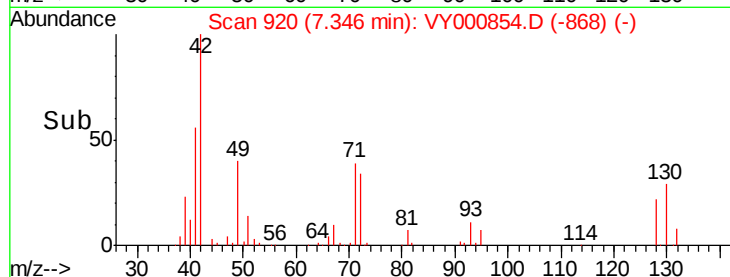
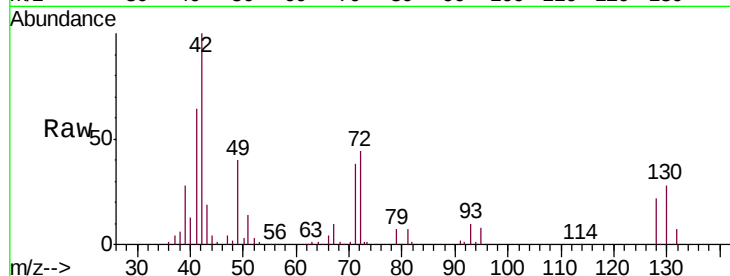
Ion Ratio Lower Upper

41 100

39 44.8 95.7 143.5#

67 0.0 0.0 0.0

52 0.0 0.0 0.0

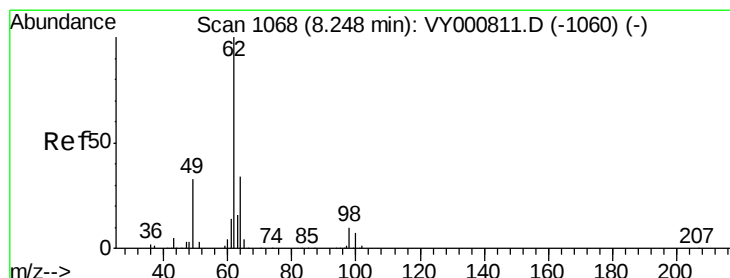
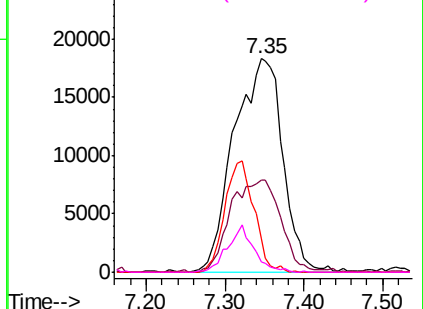


Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 67.00 (66.70 to 67.70): VY0

Ion 52.00 (51.70 to 52.70): VY0



#42

1,2-Dichloroethane

Concen: 20.476 ug/l

RT: 8.25 min Scan# 1068

Delta R.T. -0.00 min

Lab File: VY000854.D

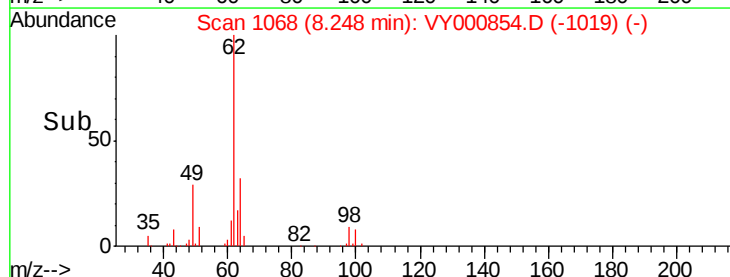
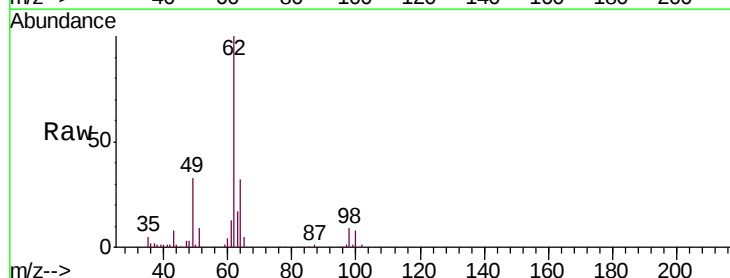
Acq: 04 Dec 2019 11:44

Tgt Ion: 62 Resp: 81589

Ion Ratio Lower Upper

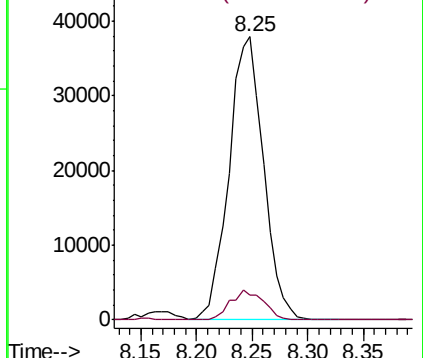
62 100

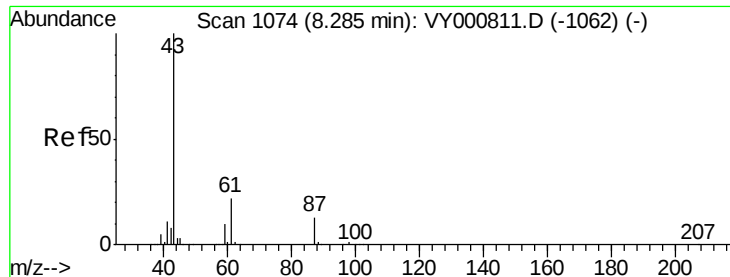
98 10.1 0.0 21.4



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 97.90 (97.60 to 98.60): VY0





#43

Isopropyl Acetate

Concen: 19.007 ug/l

RT: 8.28 min Scan# 1073

Delta R.T. -0.01 min

Lab File: VY000854.D

Acq: 04 Dec 2019 11:44

Instrument :

MSVOA_Y

ClientSampleId :

VY1204SBS01

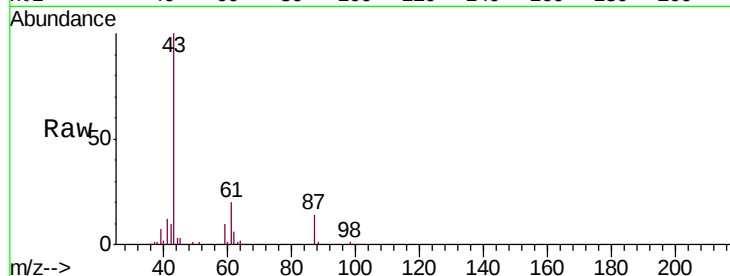
Tgt Ion: 43 Resp: 107576

Ion Ratio Lower Upper

43 100

61 29.6 23.7 35.5

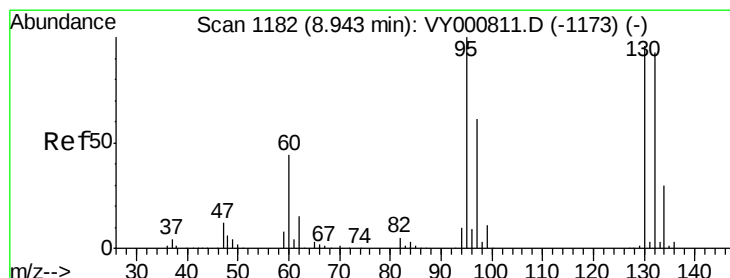
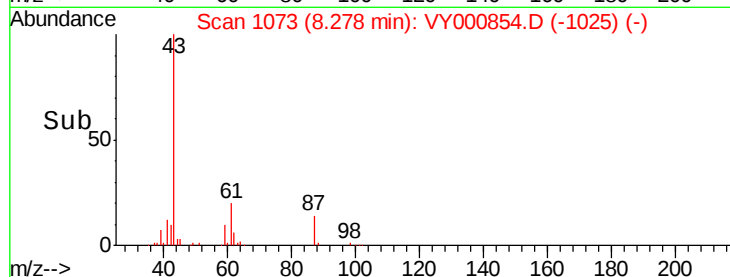
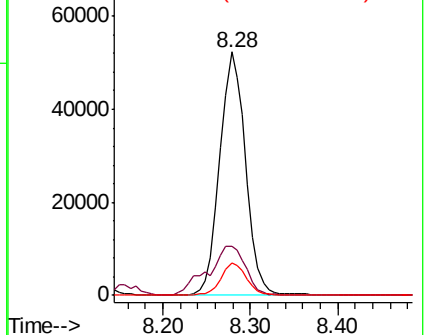
87 12.9 10.6 15.8



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: 20.506 ug/l

RT: 8.94 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VY000854.D

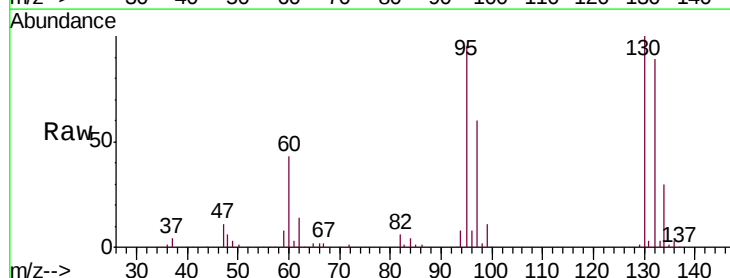
Acq: 04 Dec 2019 11:44

Tgt Ion: 130 Resp: 79846

Ion Ratio Lower Upper

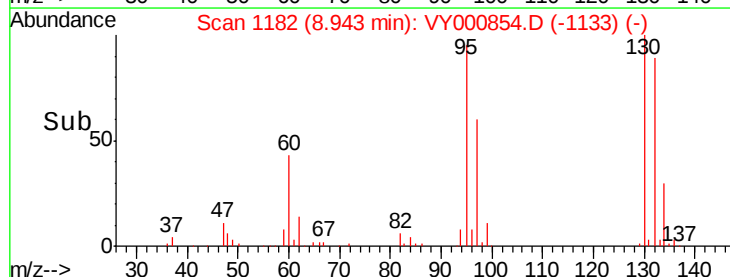
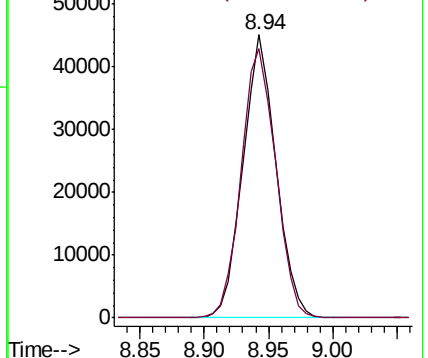
130 100

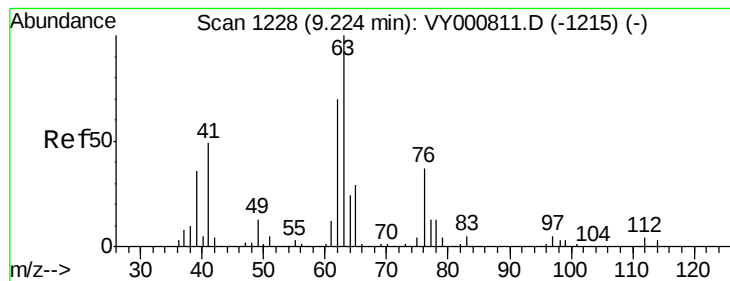
95 95.3 0.0 207.8



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: 20.682 ug/l

RT: 9.22 min Scan# 1228

Delta R.T. -0.00 min

Lab File: VY000854.D

Acq: 04 Dec 2019 11:44

Instrument :

MSVOA_Y

ClientSampleId :

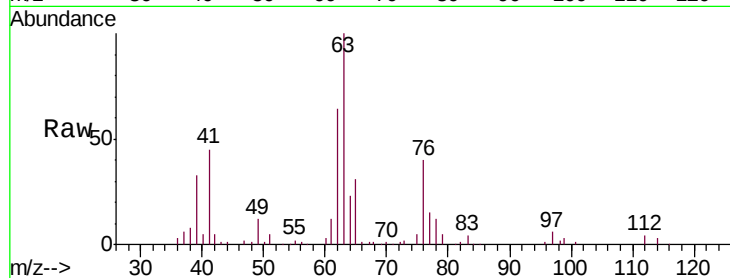
VY1204SBS01

Tgt Ion: 63 Resp: 78709

Ion Ratio Lower Upper

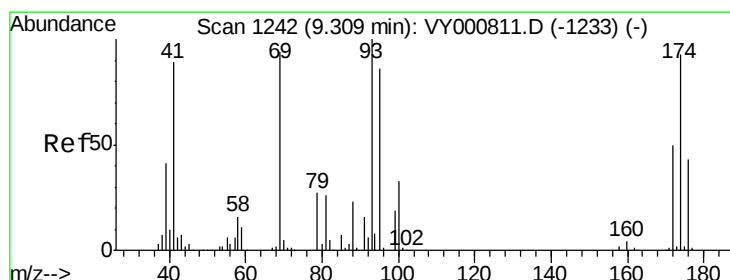
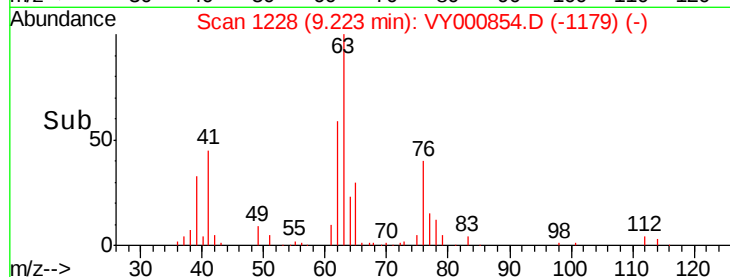
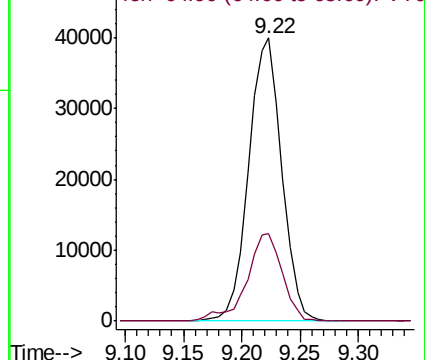
63 100

65 30.7 23.2 34.8



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 64.90 (64.60 to 65.60): VY0



#46

Dibromomethane

Concen: 20.179 ug/l

RT: 9.31 min Scan# 1242

Delta R.T. -0.00 min

Lab File: VY000854.D

Acq: 04 Dec 2019 11:44

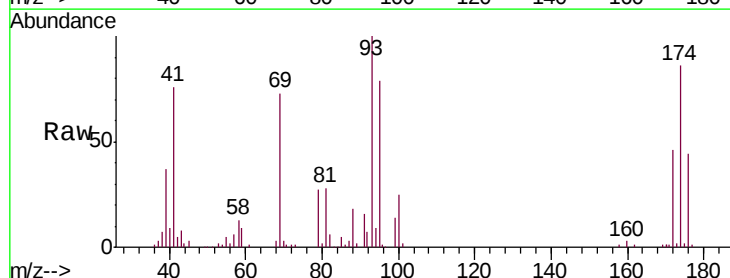
Tgt Ion: 93 Resp: 40125

Ion Ratio Lower Upper

93 100

95 81.8 66.4 99.6

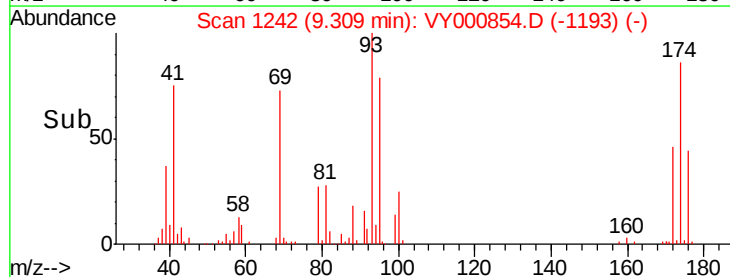
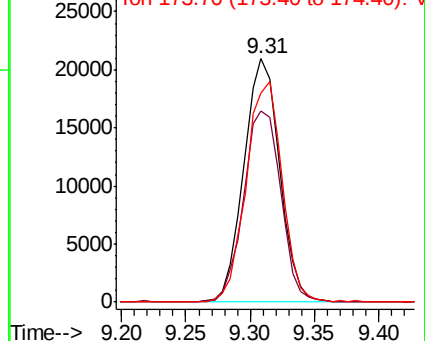
174 90.8 73.0 109.6

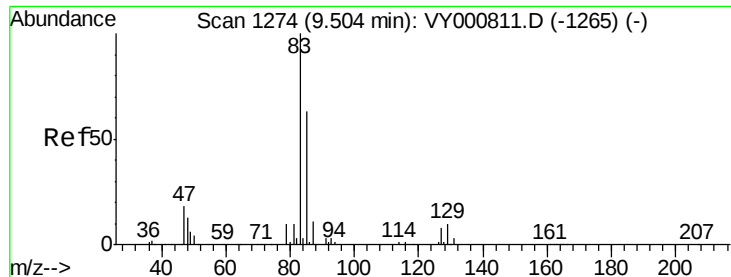


Abundance Ion 92.80 (92.50 to 93.50): VY0

Ion 94.80 (94.50 to 95.50): VY0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 20.328 ug/l

RT: 9.50 min Scan# 1274

Delta R.T. -0.00 min

Lab File: VY000854.D

Acq: 04 Dec 2019 11:44

Instrument :

MSVOA_Y

ClientSampleId :

VY1204SBS01

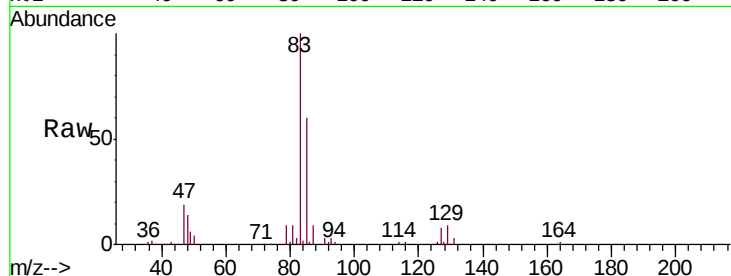
Tgt Ion: 83 Resp: 94957

Ion Ratio Lower Upper

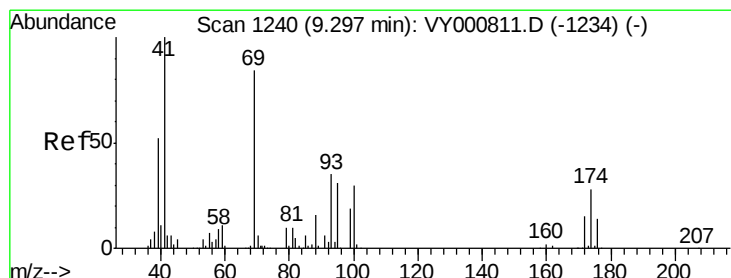
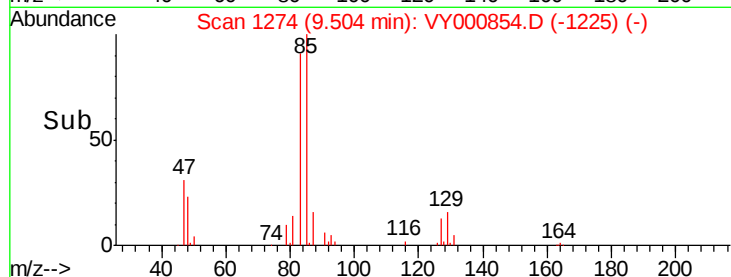
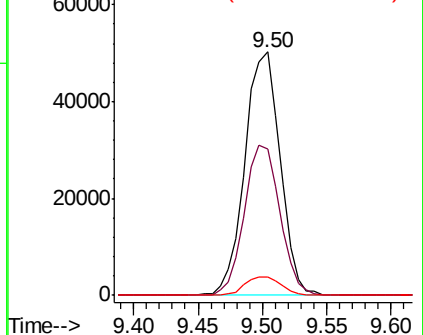
83 100

85 59.9 50.8 76.2

127 7.8 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): V



#48

Methyl methacrylate

Concen: 20.178 ug/l

RT: 9.30 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VY000854.D

Acq: 04 Dec 2019 11:44

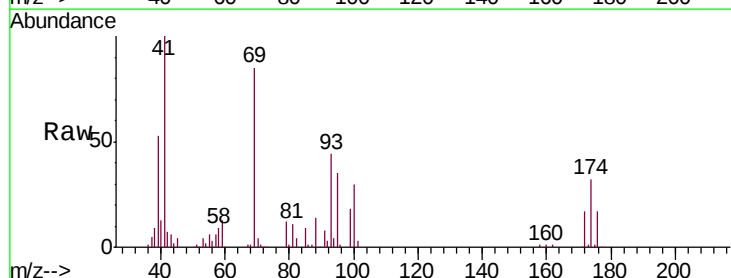
Tgt Ion: 41 Resp: 50220

Ion Ratio Lower Upper

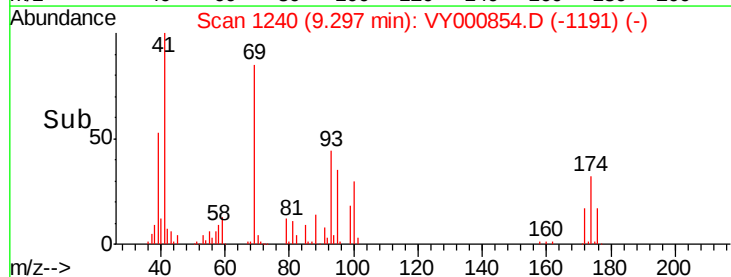
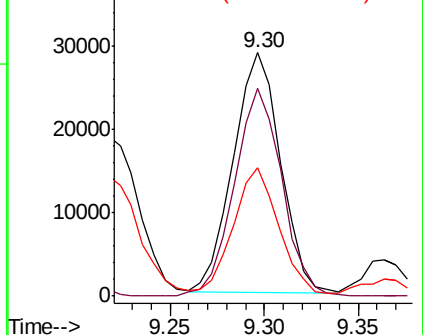
41 100

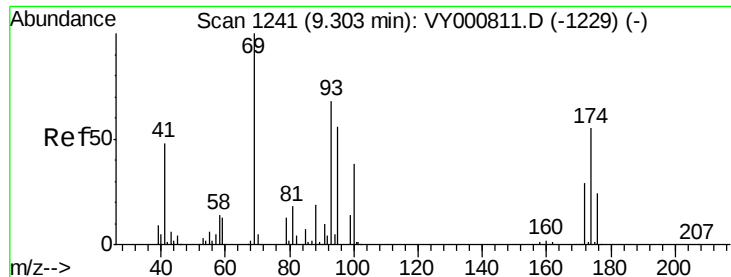
69 86.6 70.4 105.6

39 49.3 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: 400.575 ug/l

RT: 9.30 min Scan# 1241

Delta R.T. -0.00 min

Lab File: VY000854.D

Acq: 04 Dec 2019 11:44

Instrument :

MSVOA_Y

ClientSampleId :

VY1204SBS01

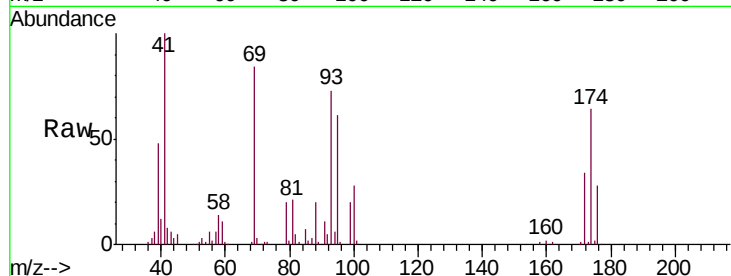
Tgt Ion: 88 Resp: 11286

Ion Ratio Lower Upper

88 100

43 34.1 21.1 31.7#

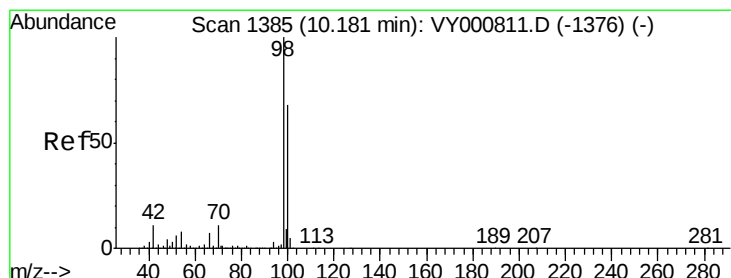
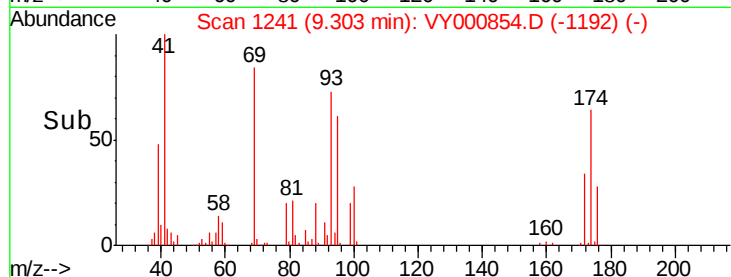
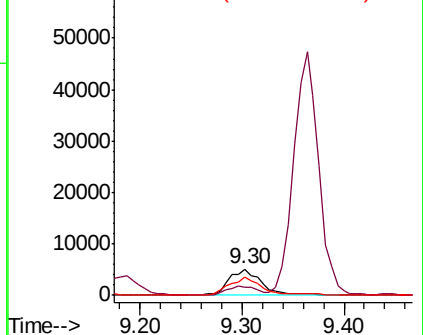
58 72.1 50.7 76.1



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: 50.912 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VY000854.D

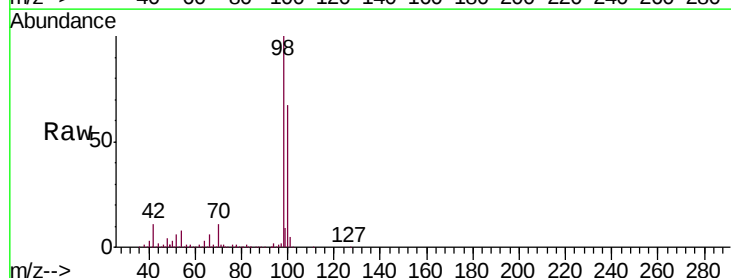
Acq: 04 Dec 2019 11:44

Tgt Ion: 98 Resp: 620559

Ion Ratio Lower Upper

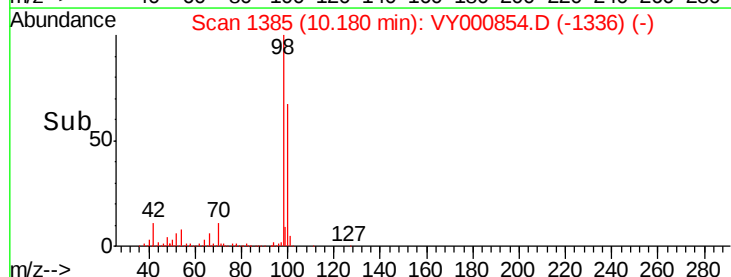
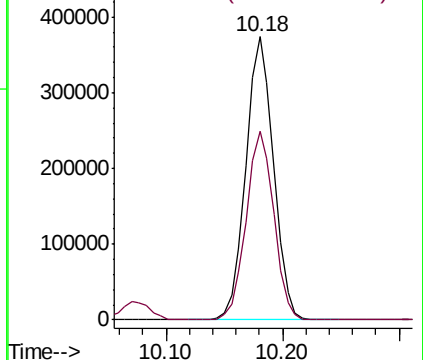
98 100

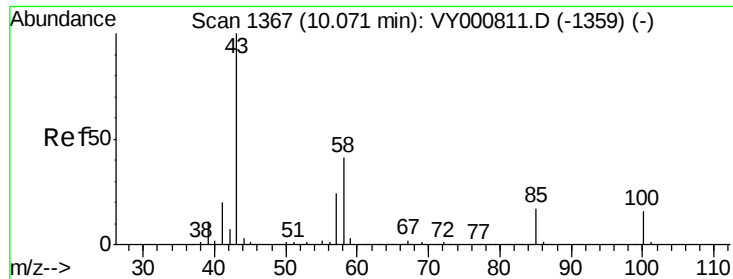
100 66.7 53.1 79.7



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY0

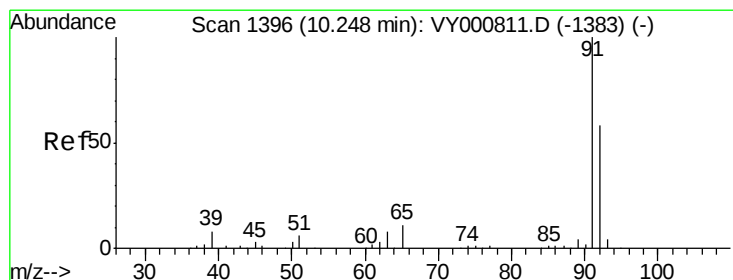
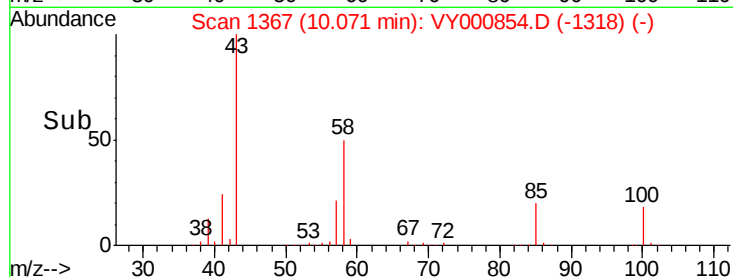
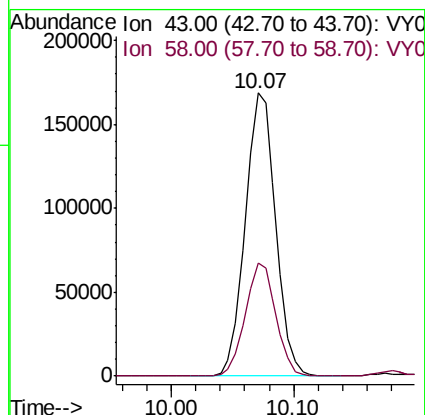
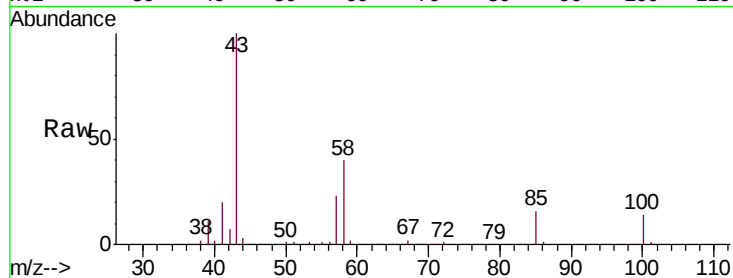




#51
4-Methyl-2-Pentanone
Concen: 99.643 ug/l
RT: 10.07 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VY000854.D
Acq: 04 Dec 2019 11:44

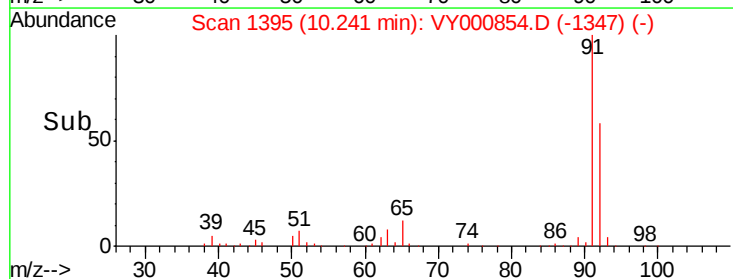
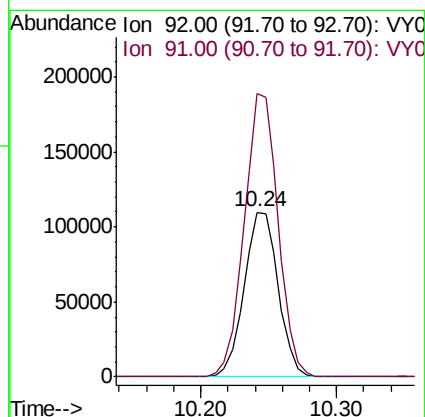
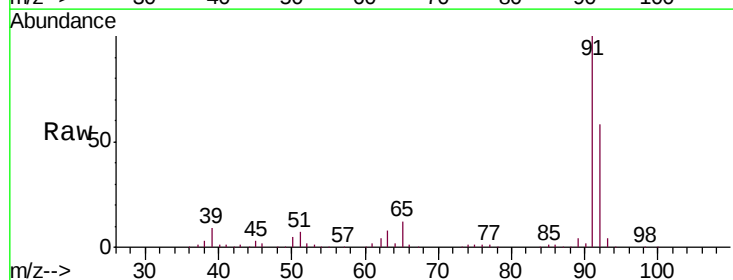
Instrument :
MSVOA_Y
ClientSampleId :
VY1204SBS01

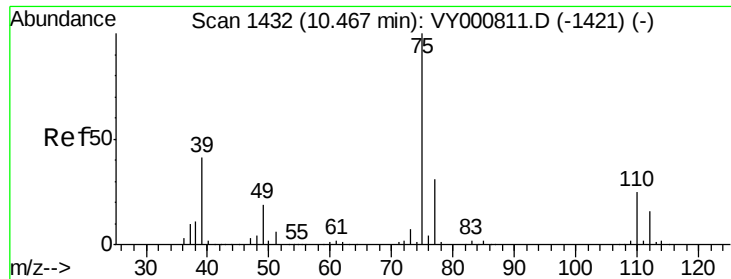
Tgt Ion: 43 Resp: 291387
Ion Ratio Lower Upper
43 100
58 40.3 33.1 49.7



#52
Toluene
Concen: 20.404 ug/l
RT: 10.24 min Scan# 1395
Delta R.T. -0.01 min
Lab File: VY000854.D
Acq: 04 Dec 2019 11:44

Tgt Ion: 92 Resp: 191404
Ion Ratio Lower Upper
92 100
91 171.5 136.6 204.8

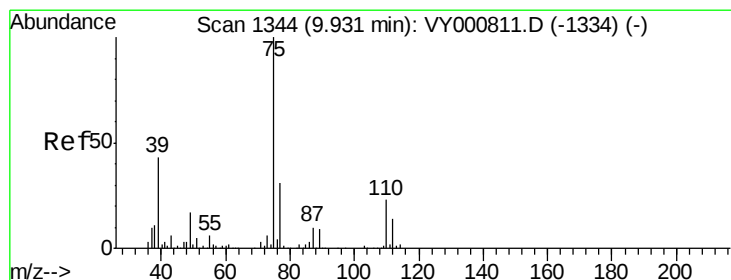
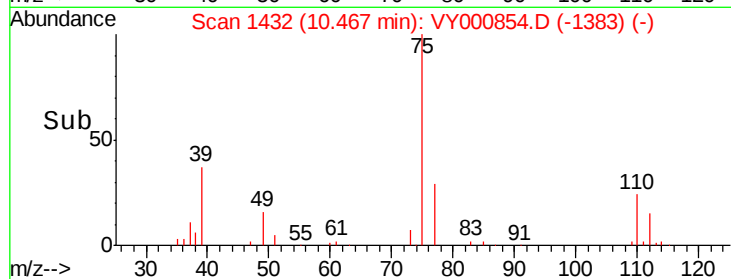
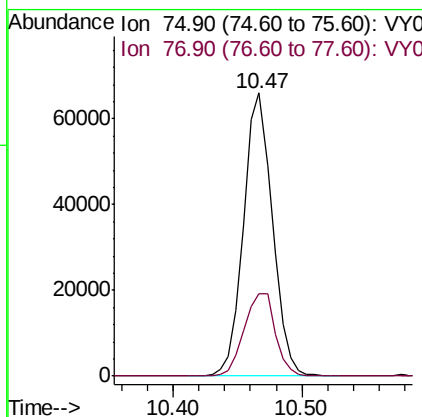
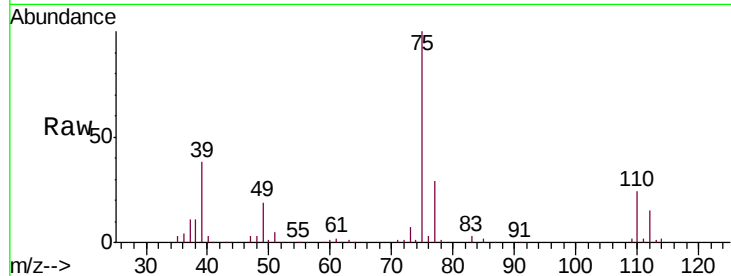




#53
t-1,3-Dichloropropene
Concen: 20.355 ug/l
RT: 10.47 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VY000854.D
Acq: 04 Dec 2019 11:44

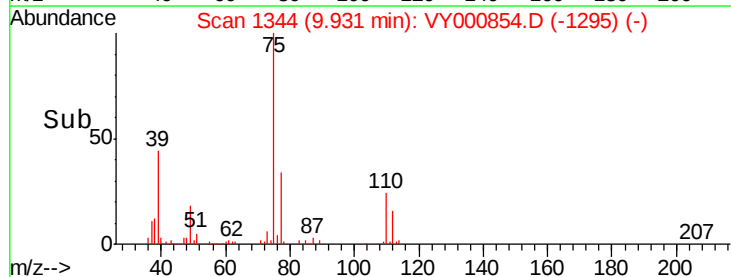
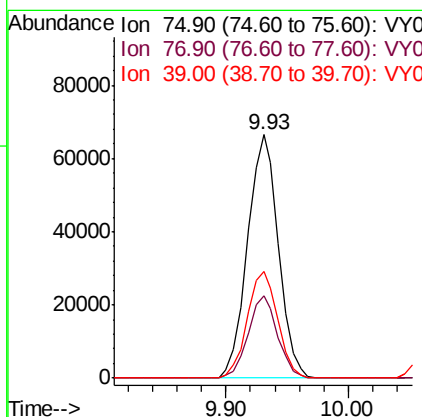
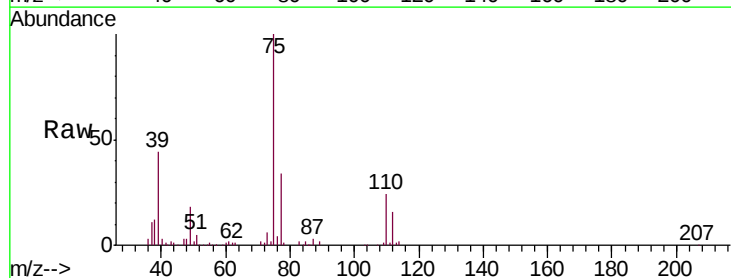
Instrument :
MSVOA_Y
ClientSampleId :
VY1204SBS01

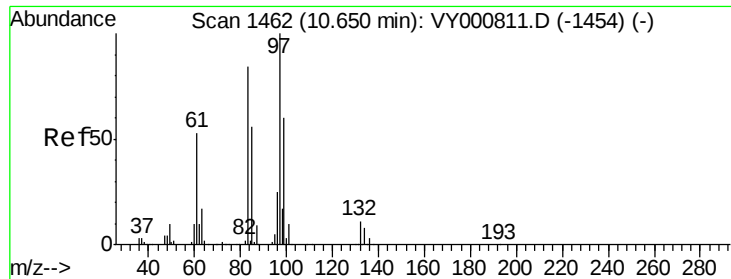
Tgt Ion: 75 Resp: 102152
Ion Ratio Lower Upper
75 100
77 29.1 25.1 37.7



#54
cis-1,3-Dichloropropene
Concen: 19.593 ug/l
RT: 9.93 min Scan# 1344
Delta R.T. -0.00 min
Lab File: VY000854.D
Acq: 04 Dec 2019 11:44

Tgt Ion: 75 Resp: 116222
Ion Ratio Lower Upper
75 100
77 34.0 24.7 37.1
39 43.7 34.5 51.7

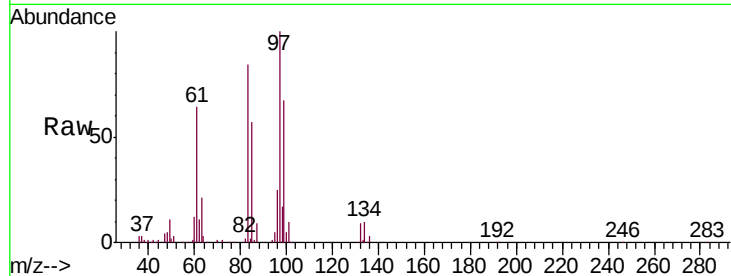




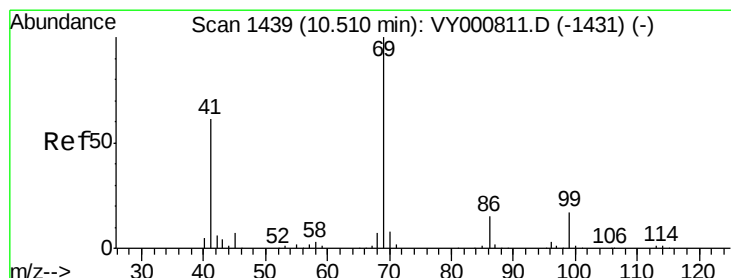
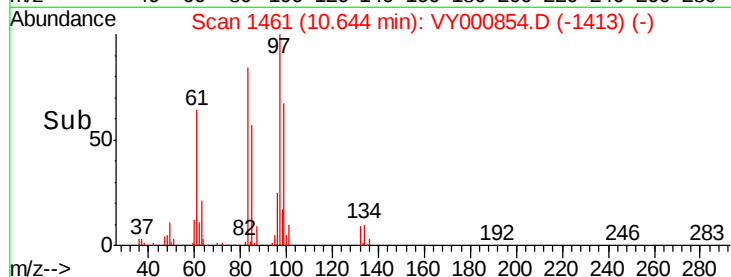
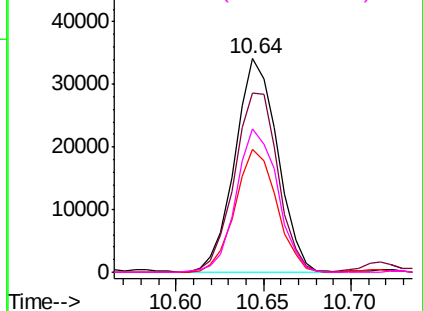
#55
 1,1,2-Trichloroethane
 Concen: 19.786 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. -0.01 min
 Lab File: VY000854.D
 Acq: 04 Dec 2019 11:44

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1204SBS01

Tgt Ion: 97 Resp: 58128
 Ion Ratio Lower Upper
 97 100
 83 84.1 67.5 101.3
 85 57.3 44.5 66.7
 99 66.8 47.7 71.5

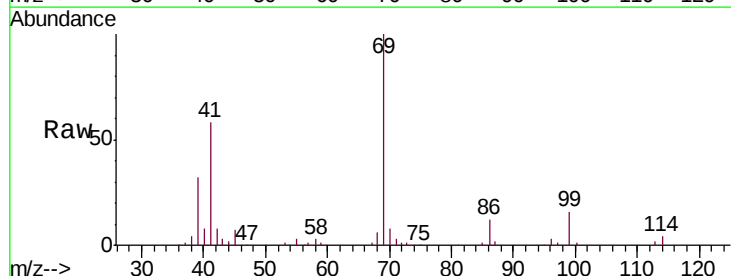


Abundance Ion 96.90 (96.60 to 97.60): VY0
 Ion 82.90 (82.60 to 83.60): VY0
 Ion 84.90 (84.60 to 85.60): VY0
 Ion 98.90 (98.60 to 99.60): VY0

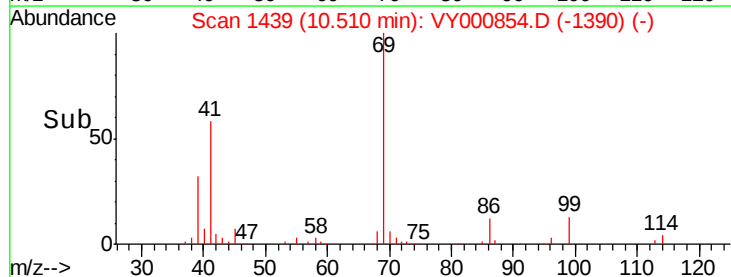
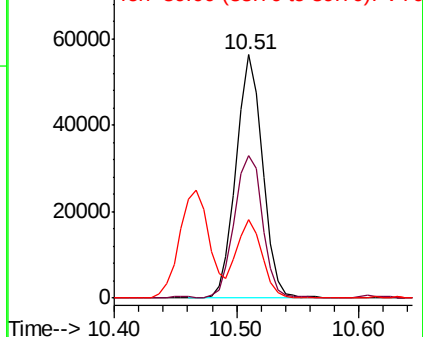


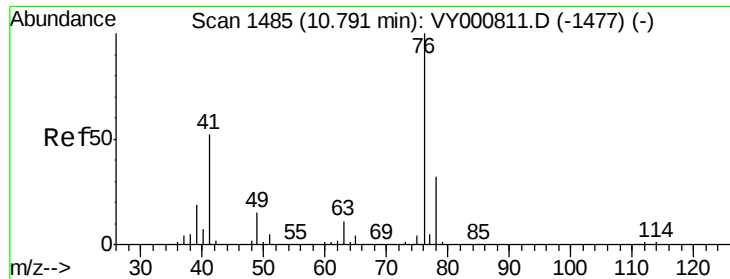
#56
 Ethyl methacrylate
 Concen: 20.140 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. -0.00 min
 Lab File: VY000854.D
 Acq: 04 Dec 2019 11:44

Tgt Ion: 69 Resp: 84640
 Ion Ratio Lower Upper
 69 100
 41 61.6 49.0 73.6
 39 30.6 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

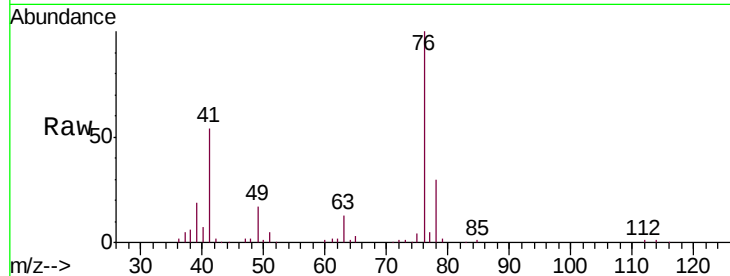




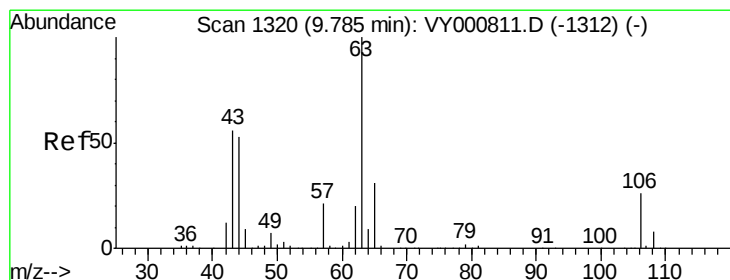
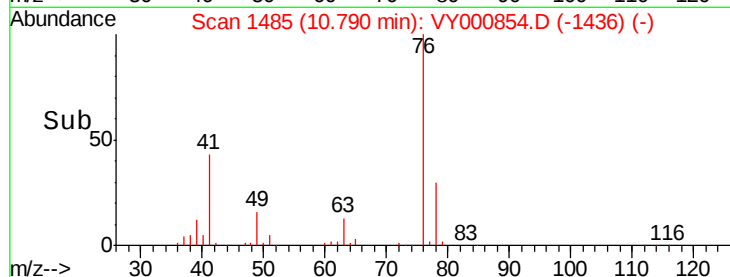
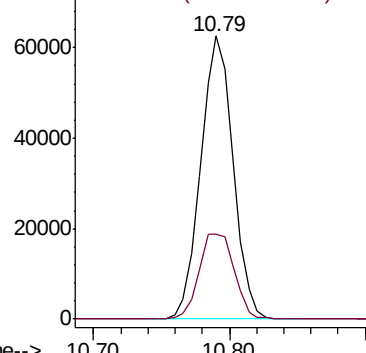
#57
 1,3-Dichloropropane
 Concen: 20.270 ug/l
 RT: 10.79 min Scan# 1485
 Delta R.T. -0.00 min
 Lab File: VY000854.D
 Acq: 04 Dec 2019 11:44

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1204SBS01

Tgt Ion: 76 Resp: 103789
 Ion Ratio Lower Upper
 76 100
 78 33.0 26.4 39.6

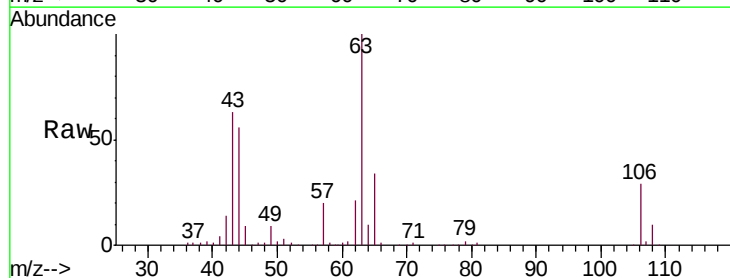


Abundance Ion 75.90 (75.60 to 76.60): VY0
 Ion 77.90 (77.60 to 78.60): VY0

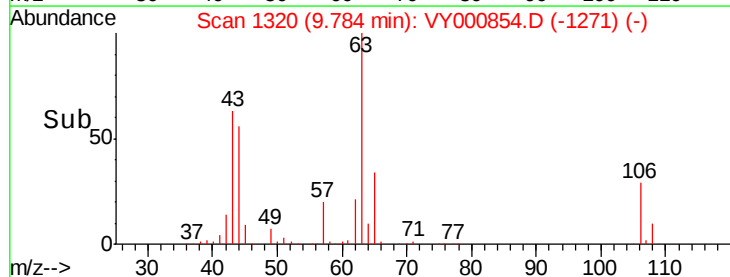
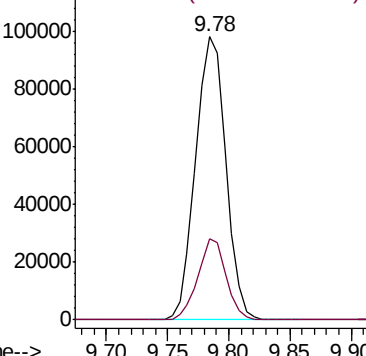


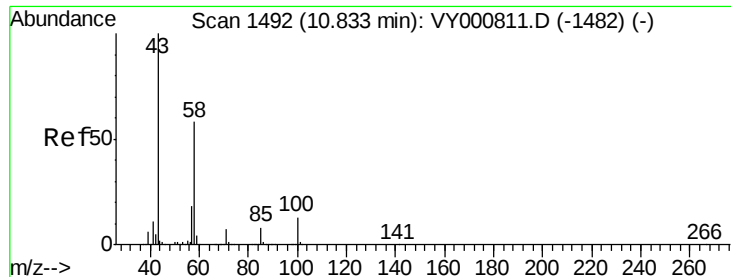
#58
 2-Chloroethyl Vinyl ether
 Concen: 99.109 ug/l
 RT: 9.78 min Scan# 1320
 Delta R.T. -0.00 min
 Lab File: VY000854.D
 Acq: 04 Dec 2019 11:44

Tgt Ion: 63 Resp: 167943
 Ion Ratio Lower Upper
 63 100
 106 26.6 21.5 32.3



Abundance Ion 62.90 (62.60 to 63.60): VY0
 Ion 105.90 (105.60 to 106.60): V

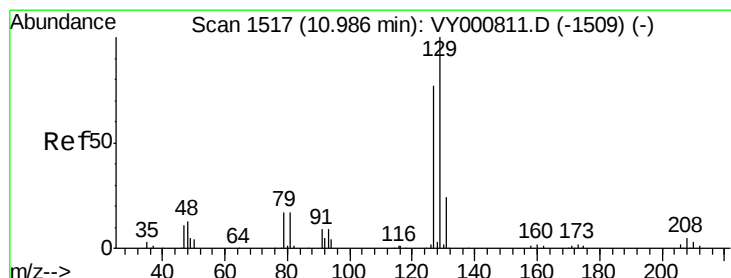
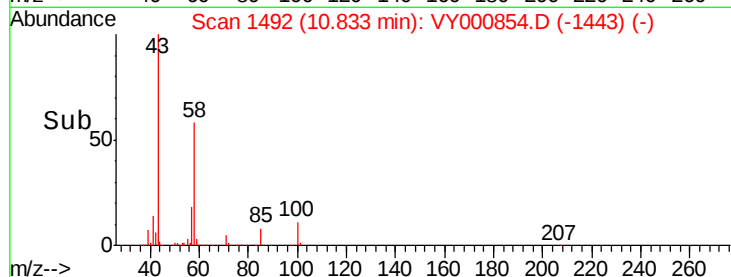
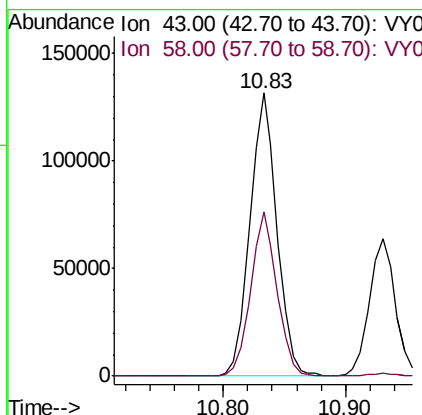
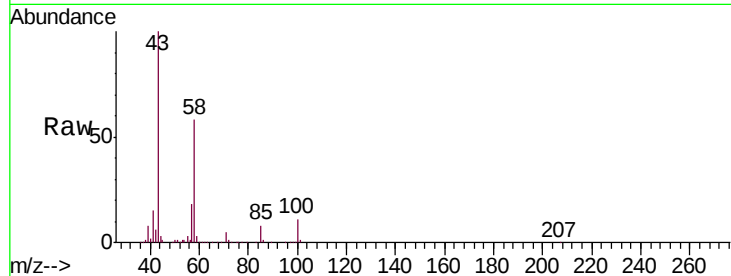




#59
2-Hexanone
Concen: 94.641 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VY000854.D
Acq: 04 Dec 2019 11:44

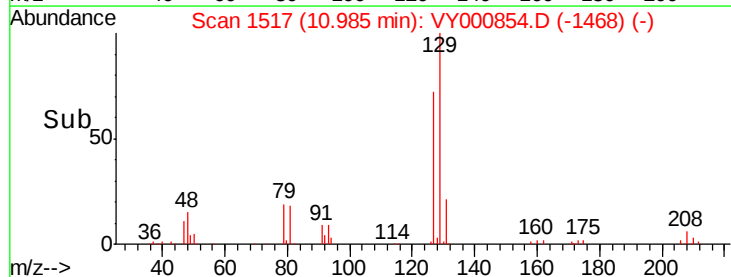
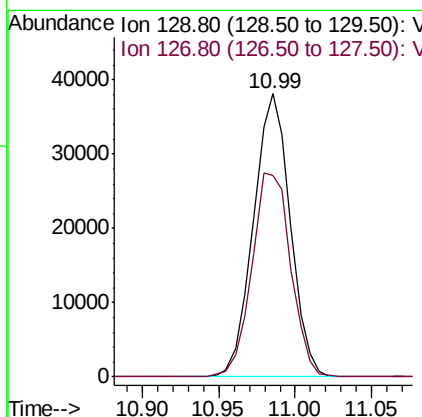
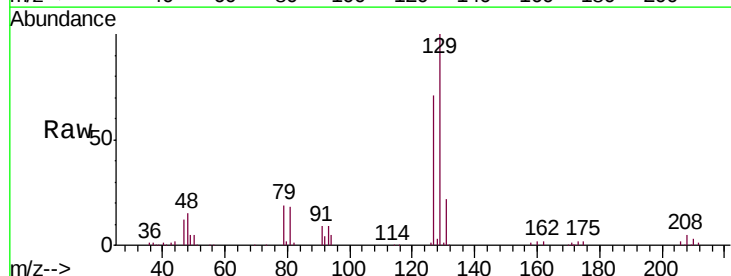
Instrument :
MSVOA_Y
ClientSampleId :
VY1204SBS01

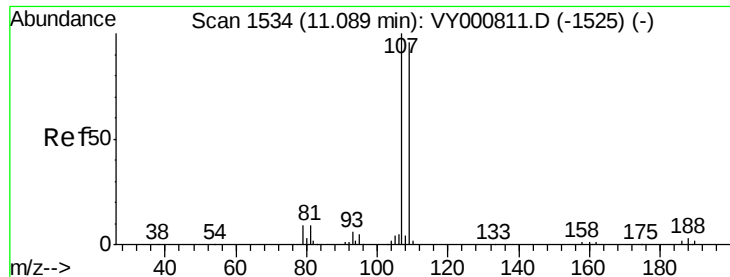
Tgt Ion: 43 Resp: 201668
Ion Ratio Lower Upper
43 100
58 56.5 29.0 87.1



#60
Dibromochloromethane
Concen: 20.143 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VY000854.D
Acq: 04 Dec 2019 11:44

Tgt Ion: 129 Resp: 63703
Ion Ratio Lower Upper
129 100
127 76.2 39.1 117.2

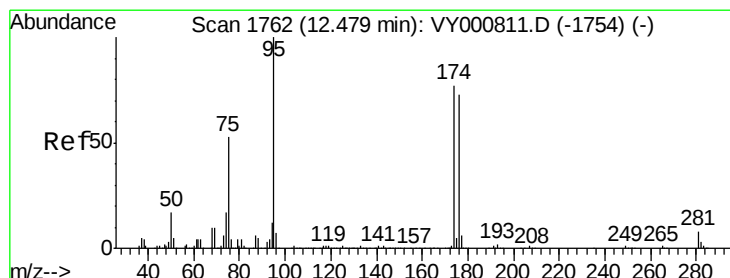
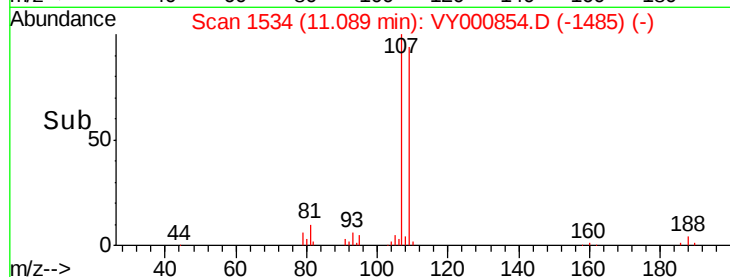
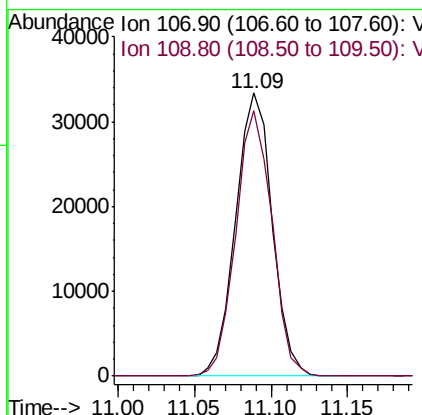
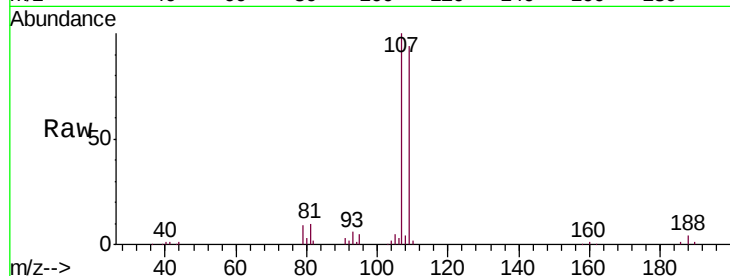




#61
 1,2-Dibromoethane
 Concen: 20.013 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. -0.00 min
 Lab File: VY000854.D
 Acq: 04 Dec 2019 11:44

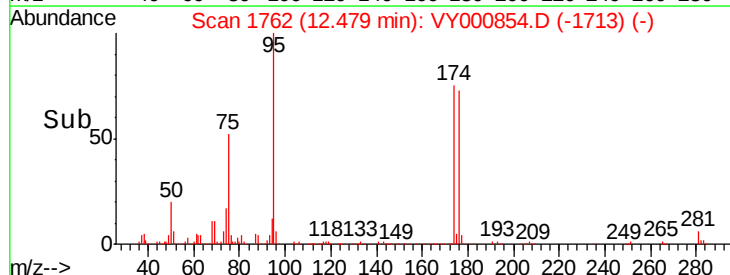
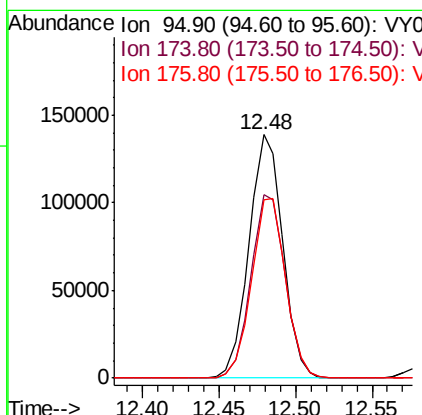
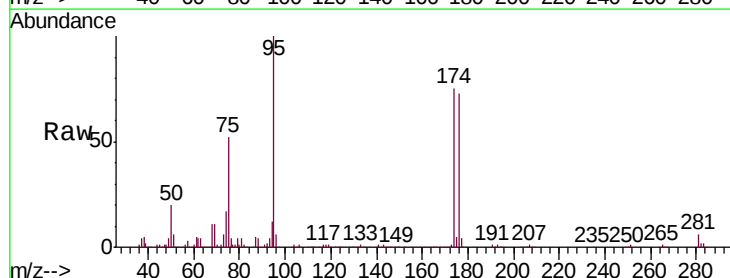
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1204SBS01

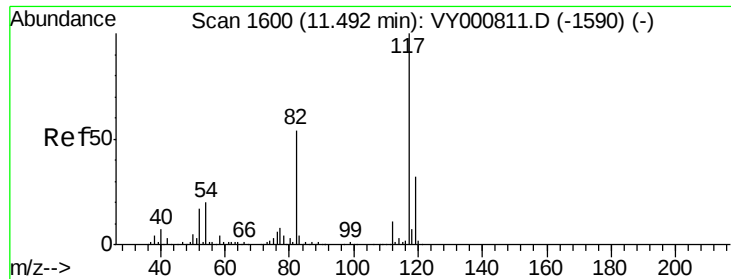
Tgt Ion: 107 Resp: 55409
 Ion Ratio Lower Upper
 107 100
 109 92.6 75.9 113.9



#62
 4-Bromofluorobenzene
 Concen: 46.485 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. -0.00 min
 Lab File: VY000854.D
 Acq: 04 Dec 2019 11:44

Tgt Ion: 95 Resp: 212790
 Ion Ratio Lower Upper
 95 100
 174 76.5 0.0 150.6
 176 74.8 0.0 145.2

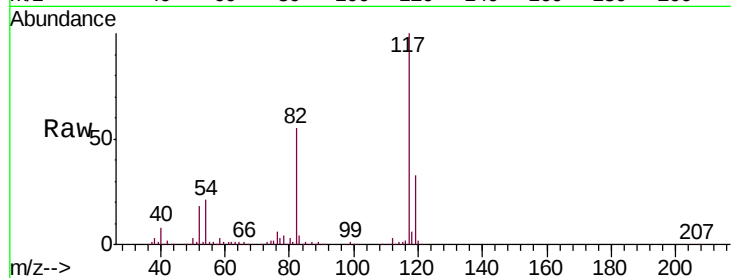




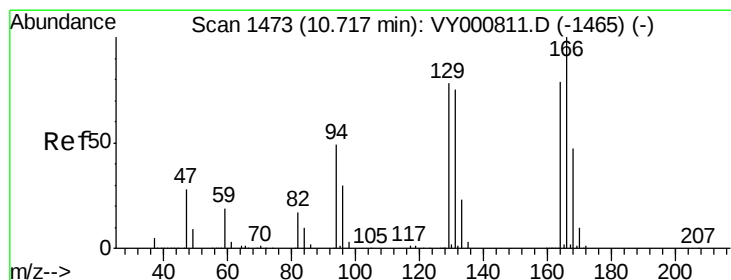
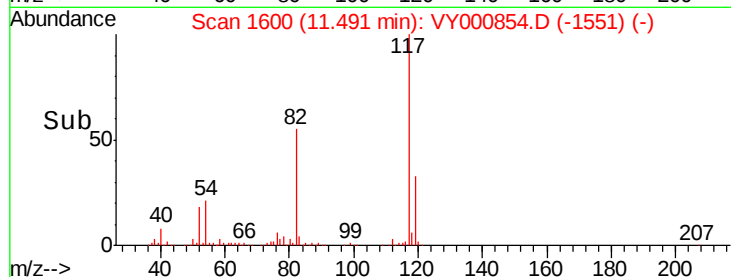
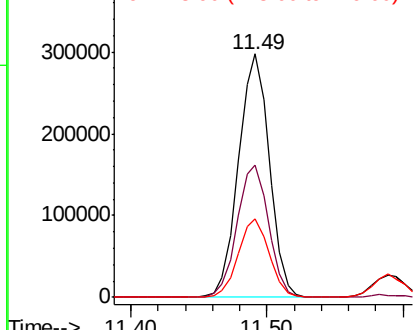
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY000854.D
Acq: 04 Dec 2019 11:44

Instrument :
MSVOA_Y
ClientSampleId :
VY1204SBS01

Tgt Ion:117 Resp: 471746
Ion Ratio Lower Upper
117 100
82 54.5 43.1 64.7
119 32.5 25.3 37.9

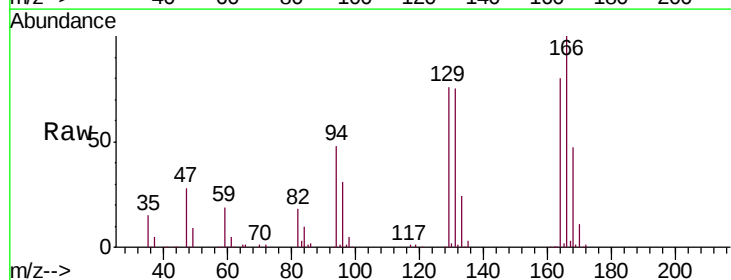


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

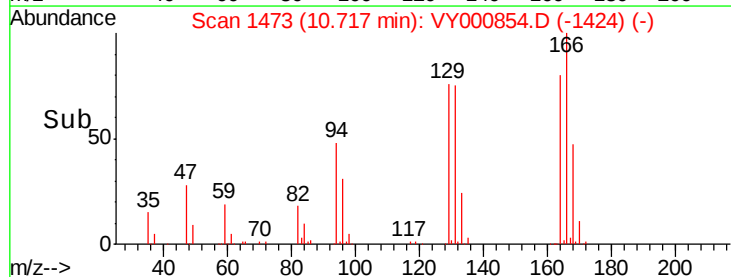
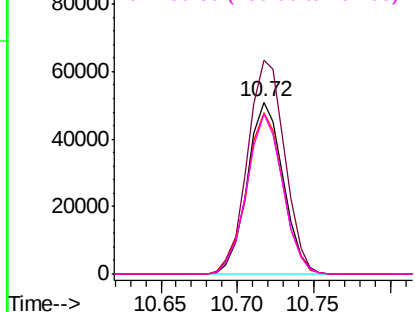


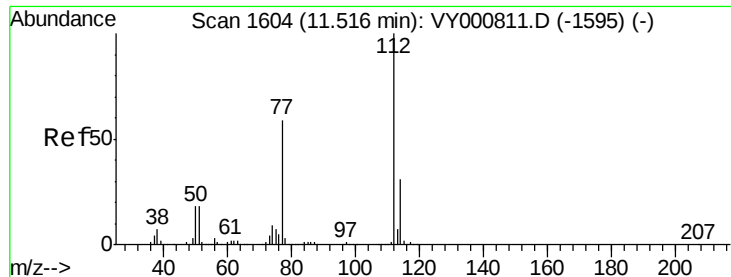
#64
Tetrachloroethene
Concen: 20.247 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VY000854.D
Acq: 04 Dec 2019 11:44

Tgt Ion:164 Resp: 82987
Ion Ratio Lower Upper
164 100
166 124.5 101.8 152.8
129 94.0 79.3 118.9
131 93.2 76.4 114.6



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

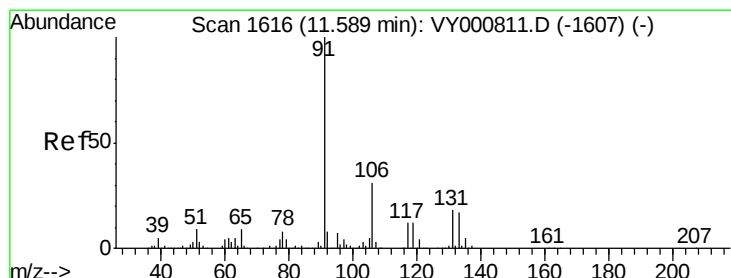
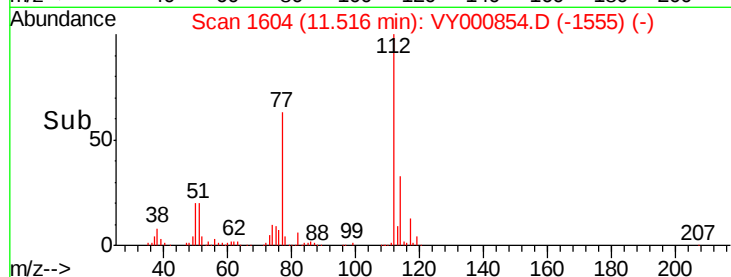
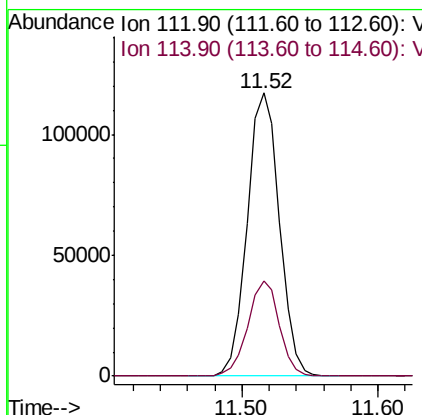
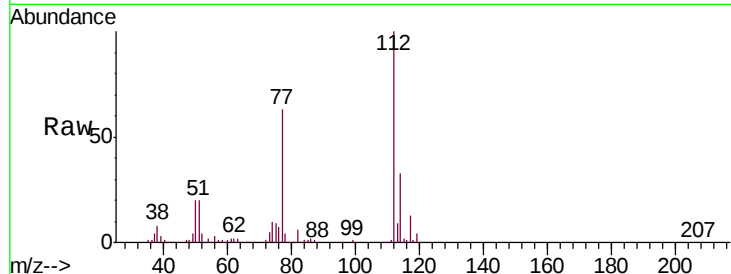




#65
Chlorobenzene
Concen: 19.788 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VY000854.D
Acq: 04 Dec 2019 11:44

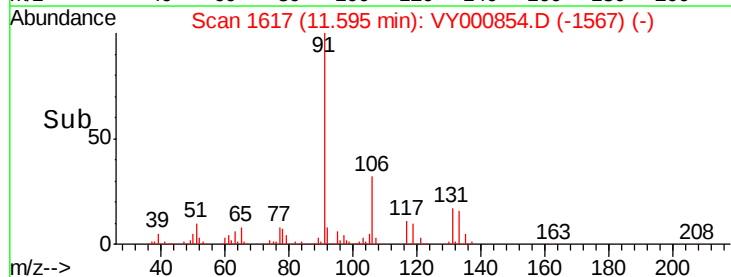
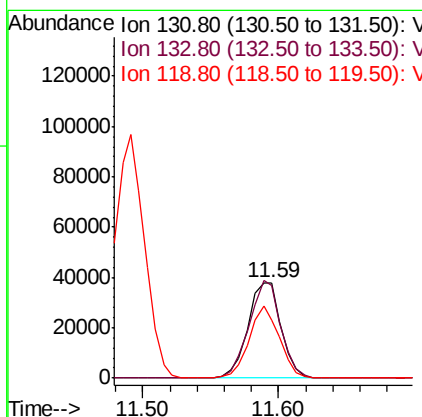
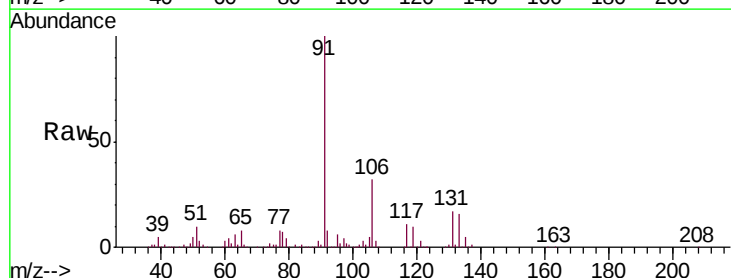
Instrument :
MSVOA_Y
ClientSampleId :
VY1204SBS01

Tgt Ion:112 Resp: 194041
Ion Ratio Lower Upper
112 100
114 33.4 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 19.635 ug/l
RT: 11.59 min Scan# 1617
Delta R.T. 0.01 min
Lab File: VY000854.D
Acq: 04 Dec 2019 11:44

Tgt Ion:131 Resp: 64886
Ion Ratio Lower Upper
131 100
133 97.2 47.4 142.2
119 69.1 33.8 101.3





#67

Ethyl Benzene

Concen: 19.824 ug/l

RT: 11.59 min Scan# 1616

Delta R.T. -0.00 min

Lab File: VY000854.D

Acq: 04 Dec 2019 11:44

Instrument :

MSVOA_Y

ClientSampleId :

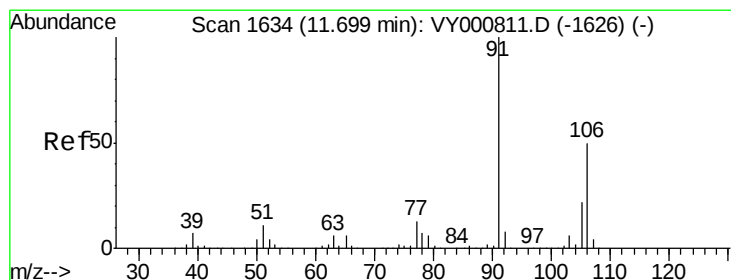
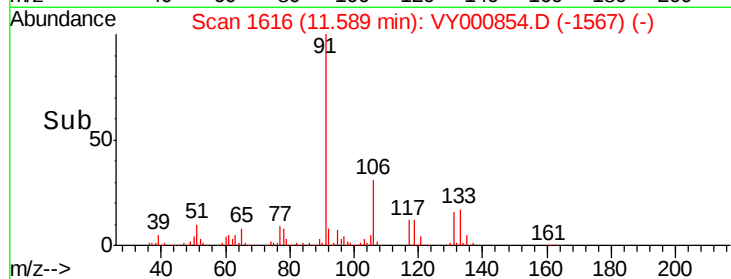
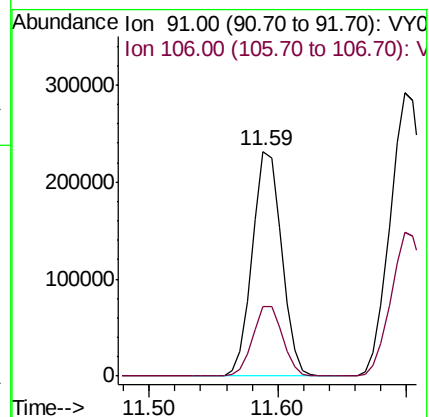
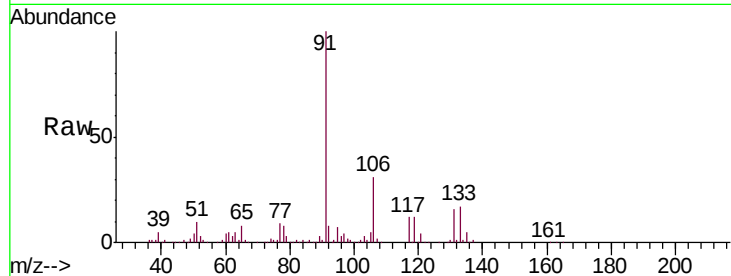
VY1204SBS01

Tgt Ion: 91 Resp: 362038

Ion Ratio Lower Upper

91 100

106 30.7 24.4 36.6



#68

m/p-Xylenes

Concen: 40.404 ug/l

RT: 11.70 min Scan# 1634

Delta R.T. -0.00 min

Lab File: VY000854.D

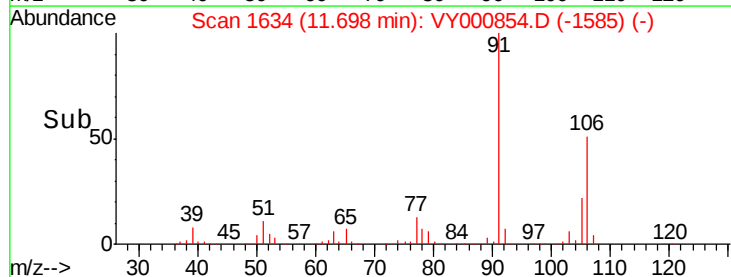
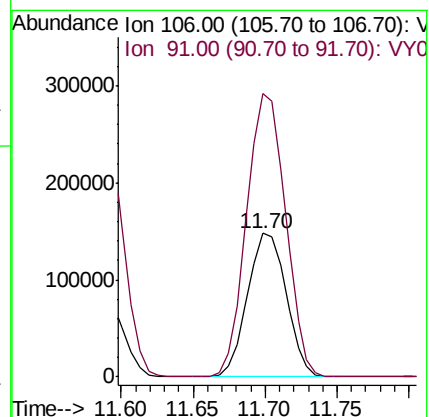
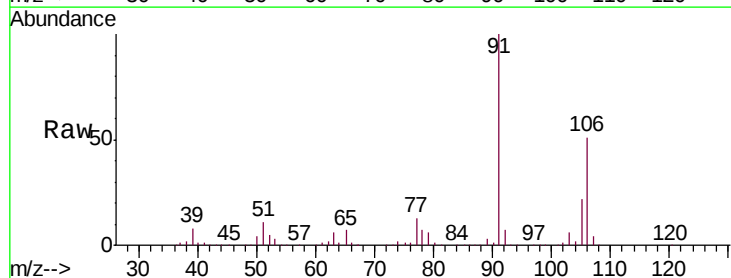
Acq: 04 Dec 2019 11:44

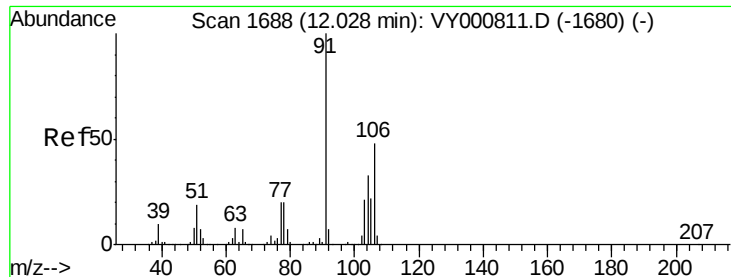
Tgt Ion: 106 Resp: 276956

Ion Ratio Lower Upper

106 100

91 198.0 159.6 239.4

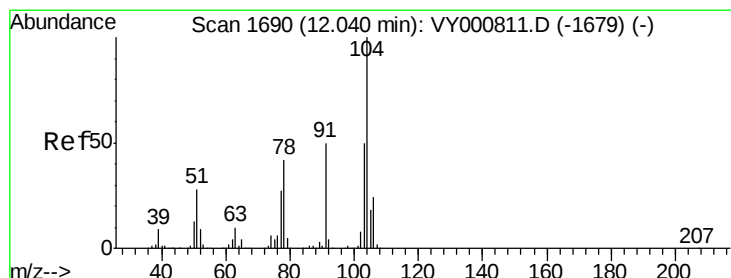
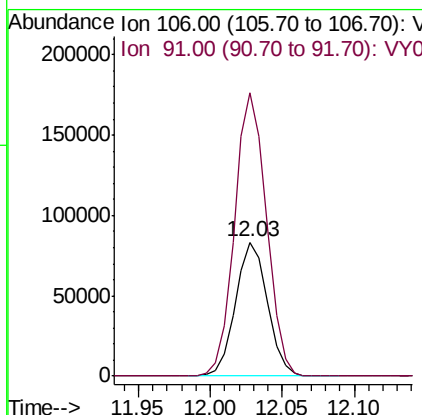
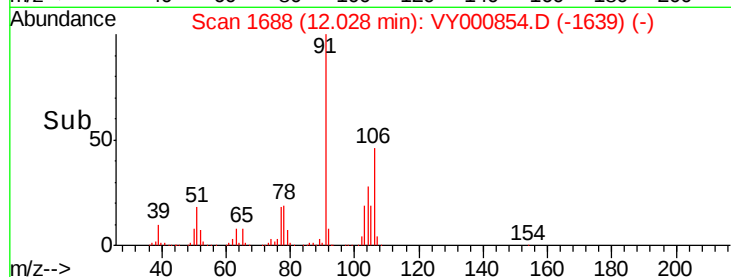
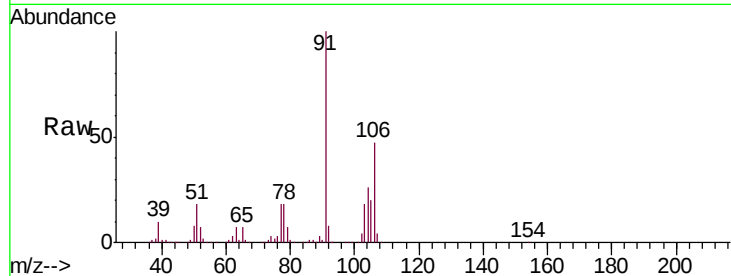




#69
o-Xylene
Concen: 20.066 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VY000854.D
Acq: 04 Dec 2019 11:44

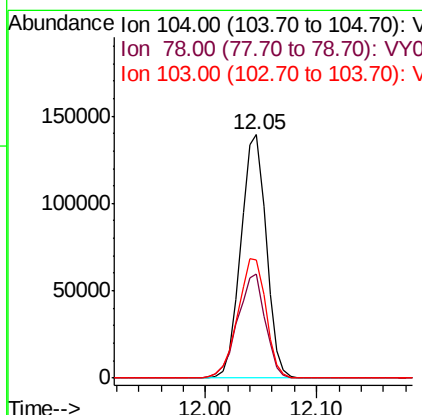
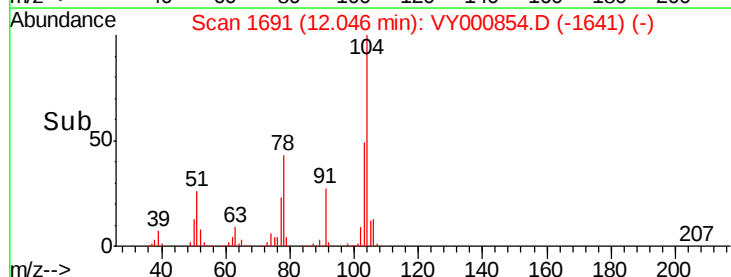
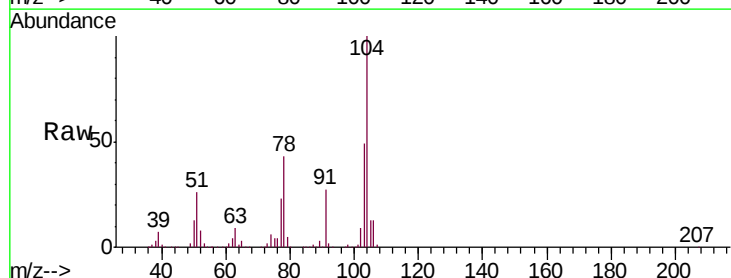
Instrument :
MSVOA_Y
ClientSampleId :
VY1204SBS01

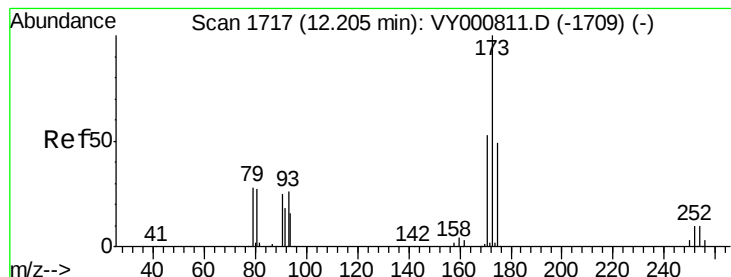
Tgt Ion:106 Resp: 128249
Ion Ratio Lower Upper
106 100
91 211.3 106.1 318.1



#70
Styrene
Concen: 20.139 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. 0.01 min
Lab File: VY000854.D
Acq: 04 Dec 2019 11:44

Tgt Ion:104 Resp: 220395
Ion Ratio Lower Upper
104 100
78 46.6 38.2 57.4
103 53.9 43.4 65.0





#71

Bromoform

Concen: 20.097 ug/l

RT: 12.20 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VY000854.D

Acq: 04 Dec 2019 11:44

Instrument :

MSVOA_Y

ClientSampleId :

VY1204SBS01

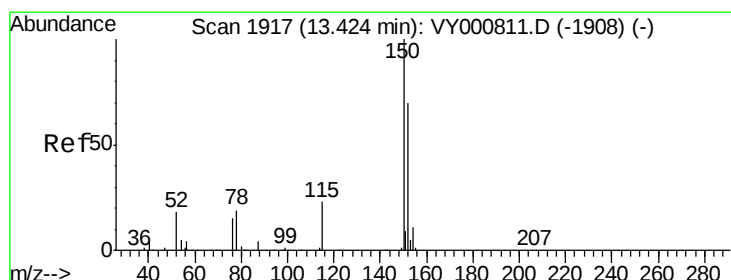
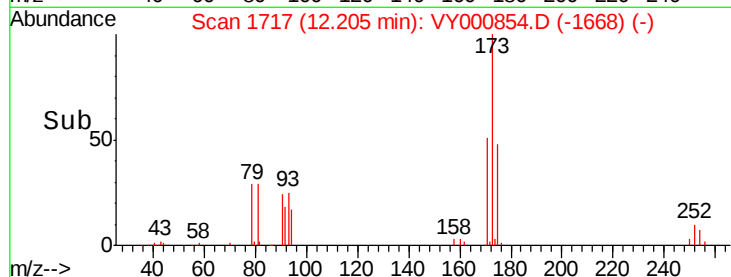
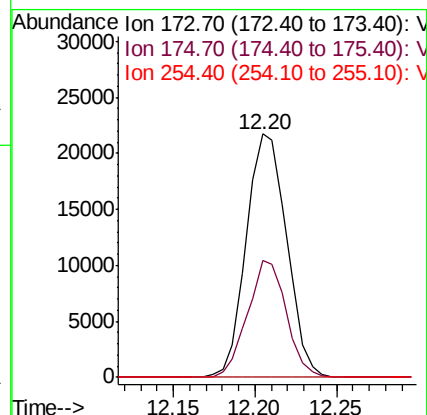
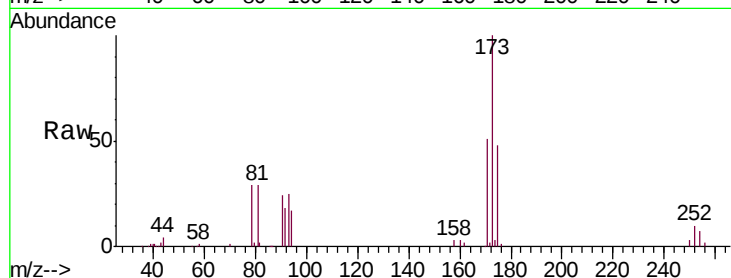
Tgt Ion:173 Resp: 37458

Ion Ratio Lower Upper

173 100

175 46.0 24.5 73.5

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. -0.00 min

Lab File: VY000854.D

Acq: 04 Dec 2019 11:44

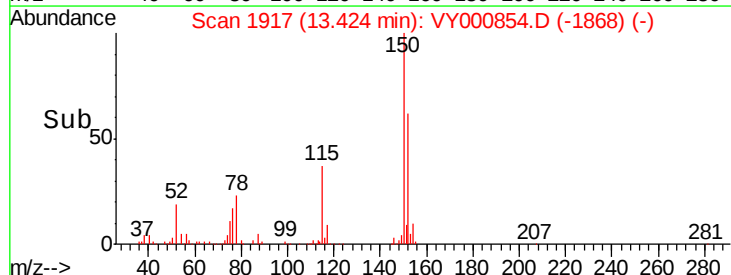
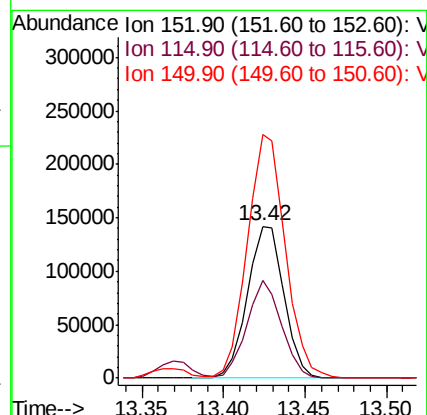
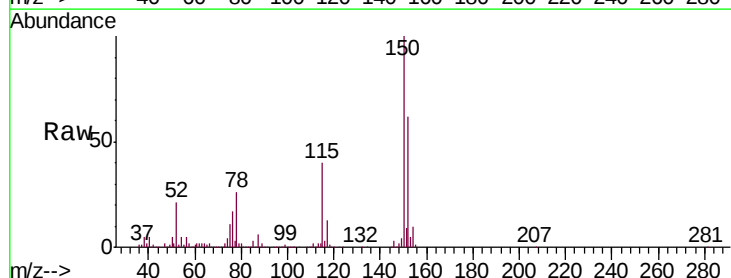
Tgt Ion:152 Resp: 221377

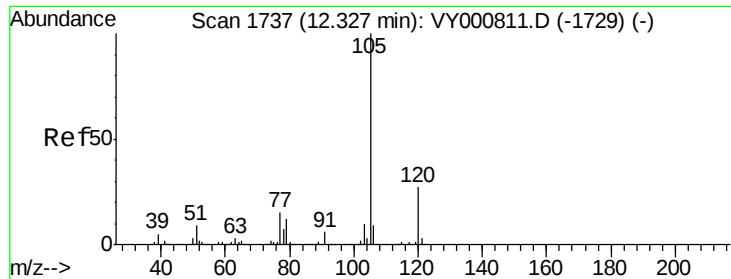
Ion Ratio Lower Upper

152 100

115 61.0 29.3 87.8

150 167.2 0.0 351.2





#73

Isopropylbenzene

Concen: 19.192 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. -0.00 min

Lab File: VY000854.D

Acq: 04 Dec 2019 11:44

Instrument :

MSVOA_Y

ClientSampleId :

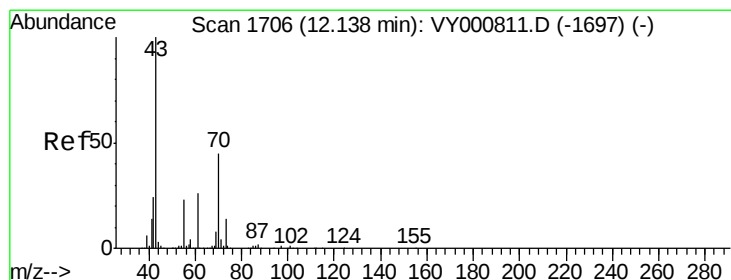
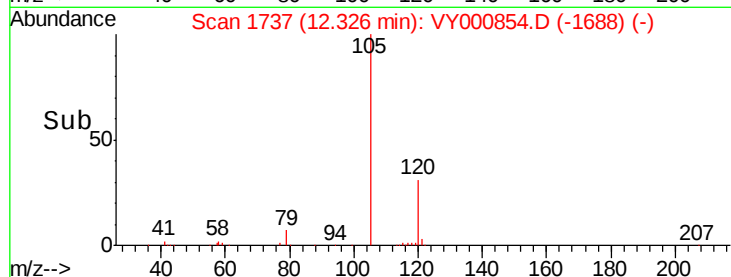
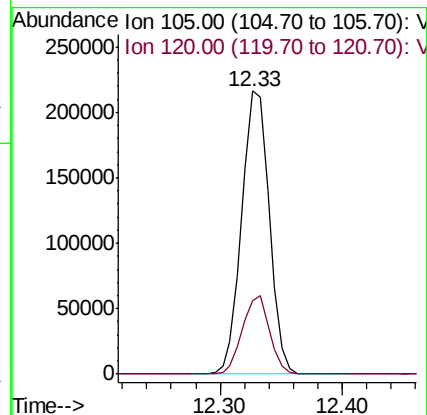
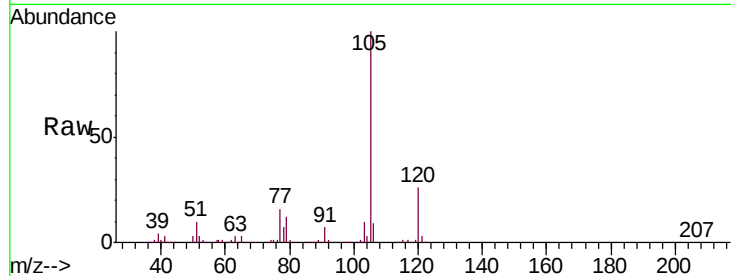
VY1204SBS01

Tgt Ion: 105 Resp: 338285

Ion Ratio Lower Upper

105 100

120 27.0 13.4 40.2



#74

N-ethyl acetate

Concen: 18.934 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. 0.01 min

Lab File: VY000854.D

Acq: 04 Dec 2019 11:44

Tgt Ion: 43 Resp: 92893

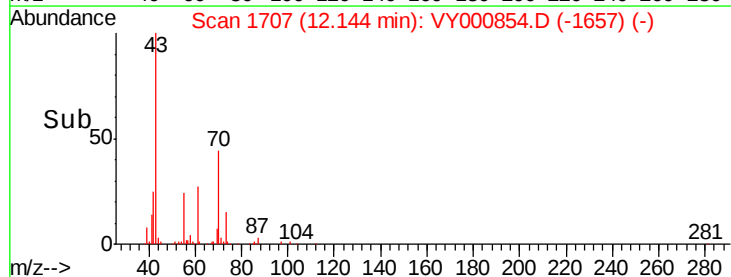
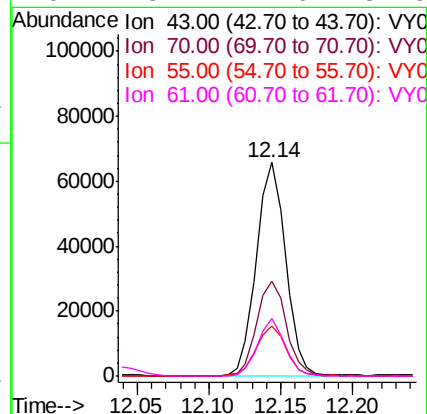
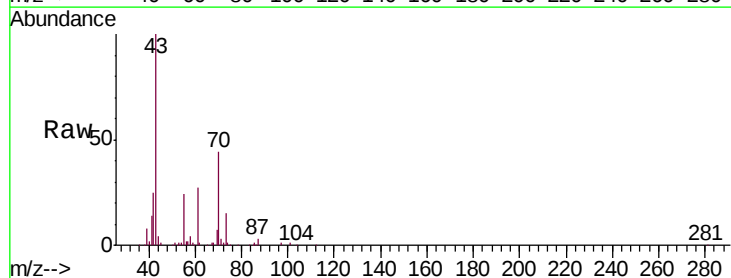
Ion Ratio Lower Upper

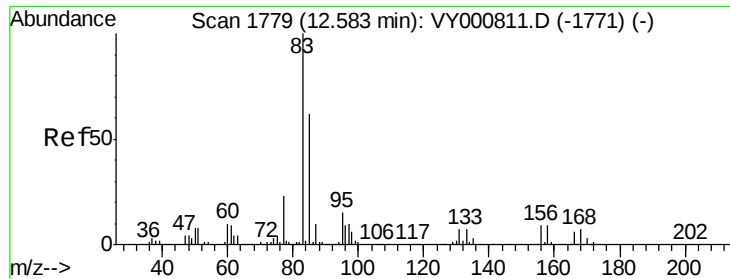
43 100

70 45.0 36.6 54.8

55 23.8 18.8 28.2

61 25.1 21.0 31.6

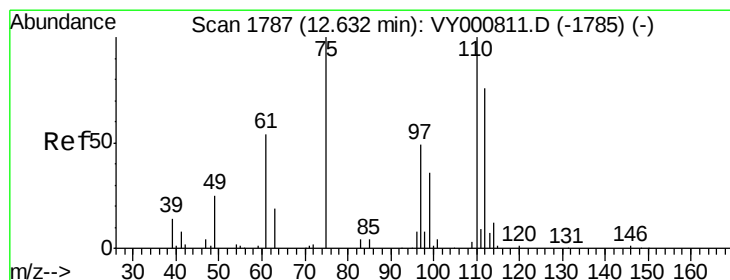
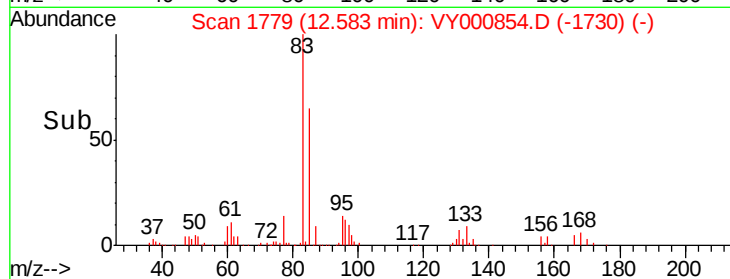
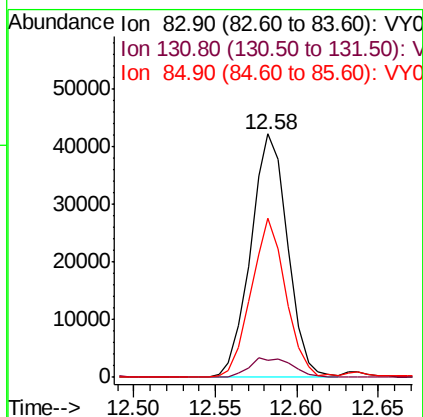
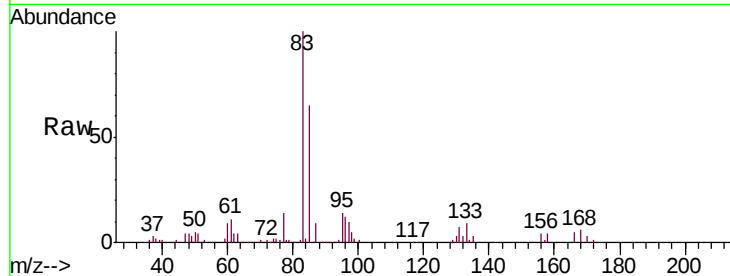




#75
 1,1,2,2-Tetrachloroethane
 Concen: 19.095 ug/l
 RT: 12.58 min Scan# 1779
 Delta R.T. -0.00 min
 Lab File: VY000854.D
 Acq: 04 Dec 2019 11:44

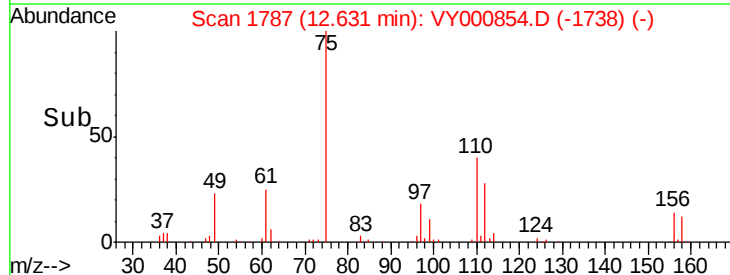
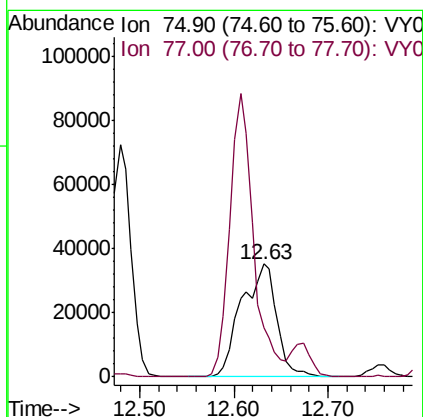
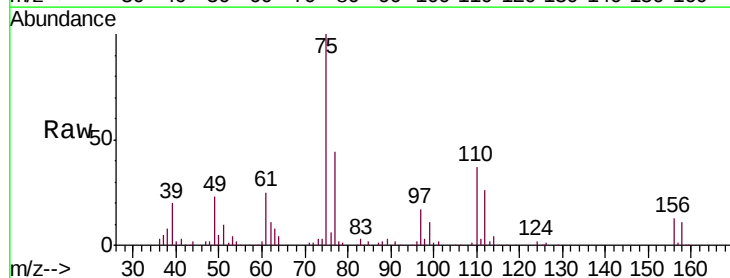
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1204SBS01

Tgt Ion	Ratio	Lower	Upper
83	100		
131	9.2	4.3	13.1
85	61.6	32.4	97.0



#76
 1,2,3-Trichloropropane
 Concen: 36.865 ug/l
 RT: 12.63 min Scan# 1787
 Delta R.T. -0.00 min
 Lab File: VY000854.D
 Acq: 04 Dec 2019 11:44

Tgt Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 19.584 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VY000854.D

Acq: 04 Dec 2019 11:44

Instrument :

MSVOA_Y

ClientSampleId :

VY1204SBS01

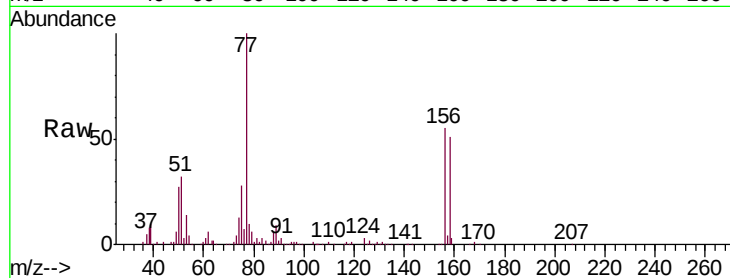
Tgt Ion:156 Resp: 74828

Ion Ratio Lower Upper

156 100

77 208.4 102.6 307.7

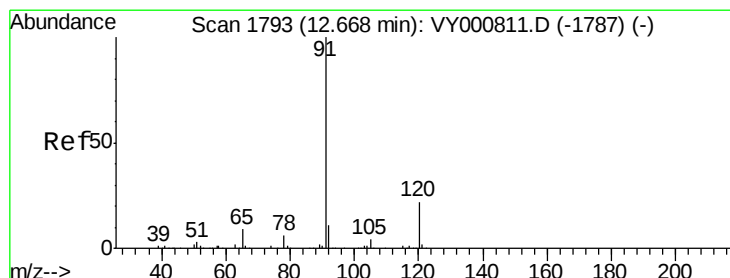
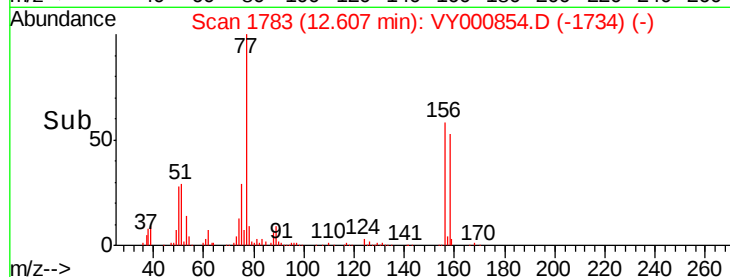
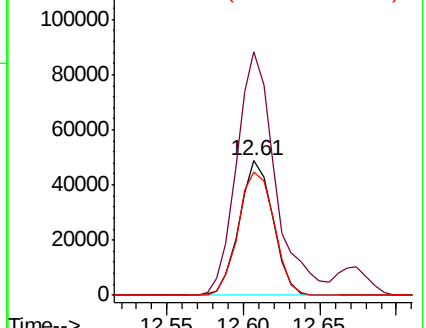
158 97.7 47.6 142.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.444 ug/l

RT: 12.67 min Scan# 1794

Delta R.T. 0.01 min

Lab File: VY000854.D

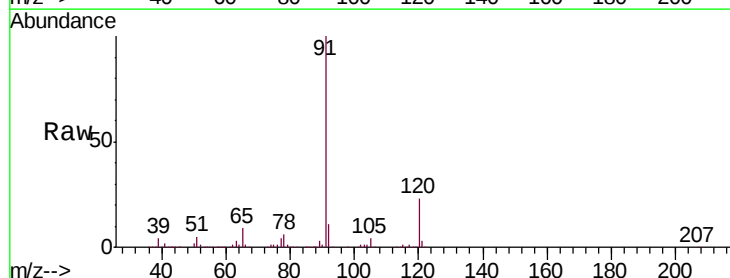
Acq: 04 Dec 2019 11:44

Tgt Ion: 91 Resp: 418469

Ion Ratio Lower Upper

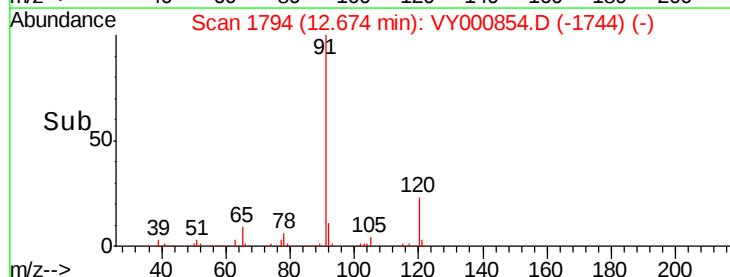
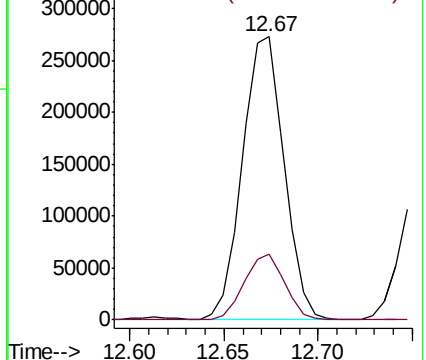
91 100

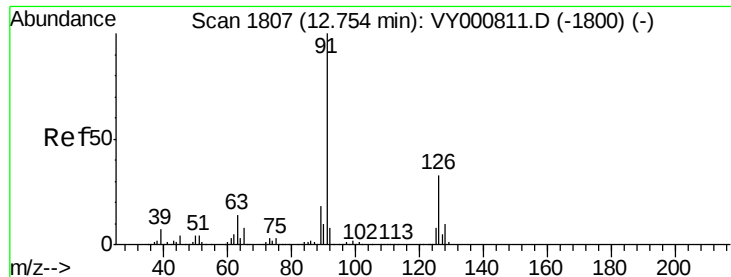
120 22.5 11.2 33.5



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.427 ug/l

RT: 12.75 min Scan# 1807

Delta R.T. -0.00 min

Lab File: VY000854.D

Acq: 04 Dec 2019 11:44

Instrument :

MSVOA_Y

ClientSampleId :

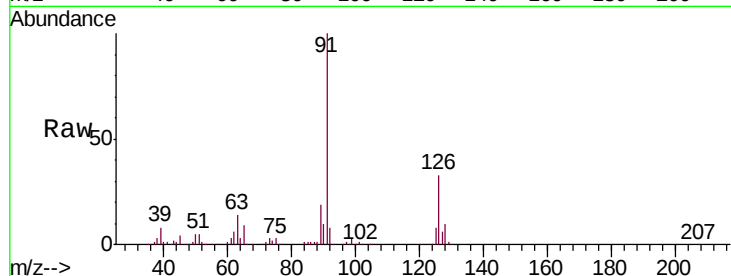
VY1204SBS01

Tgt Ion: 91 Resp: 230989

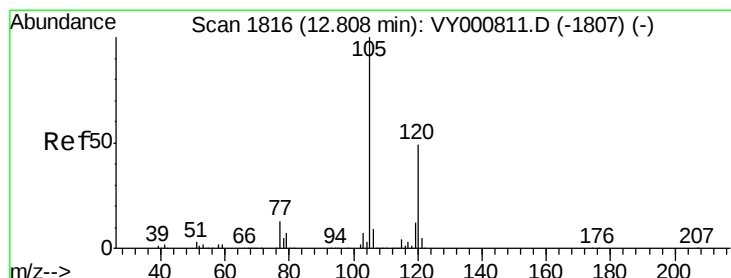
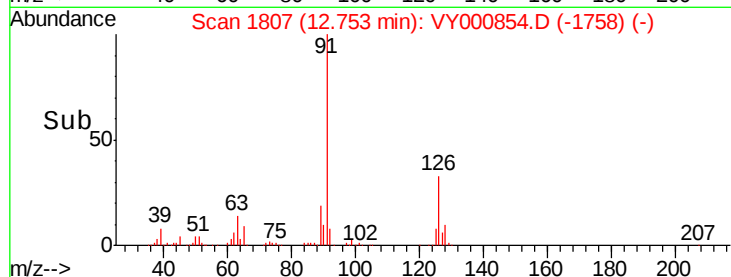
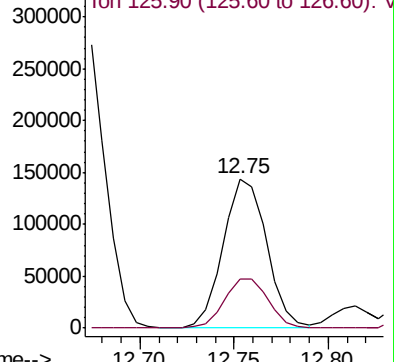
Ion Ratio Lower Upper

91 100

126 33.7 17.0 51.0



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



#80

1,3,5-Trimethylbenzene

Concen: 19.708 ug/l

RT: 12.81 min Scan# 1817

Delta R.T. 0.01 min

Lab File: VY000854.D

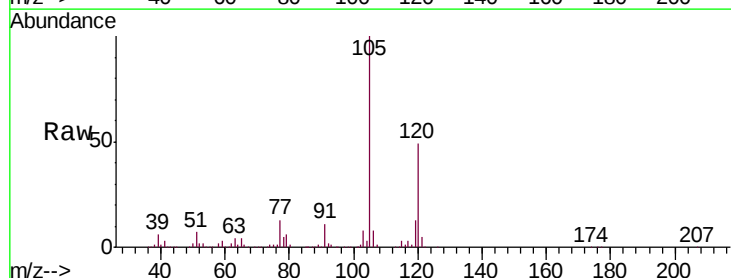
Acq: 04 Dec 2019 11:44

Tgt Ion: 105 Resp: 287625

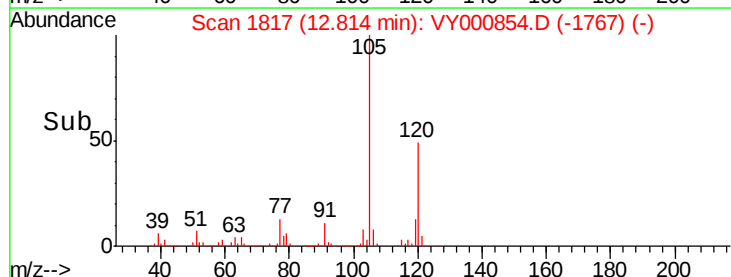
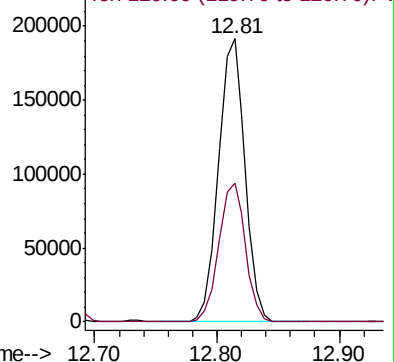
Ion Ratio Lower Upper

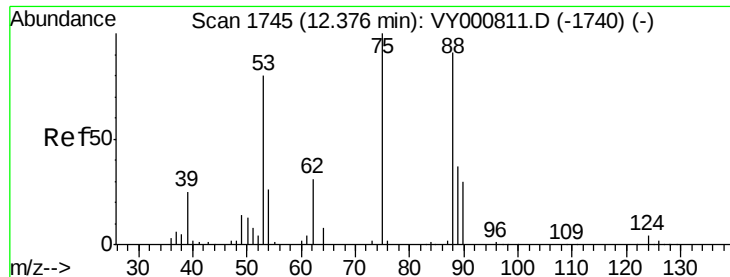
105 100

120 49.2 24.6 74.0



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





#81

trans-1,4-Dichloro-2-butene

Concen: 19.281 ug/l

RT: 12.38 min Scan# 1746

Delta R.T. 0.01 min

Lab File: VY000854.D

Acq: 04 Dec 2019 11:44

Instrument :

MSVOA_Y

ClientSampleId :

VY1204SBS01

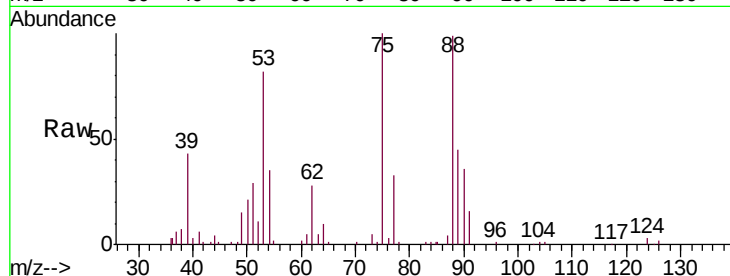
Tgt Ion: 75 Resp: 24620

Ion Ratio Lower Upper

75 100

53 85.7 64.6 96.8

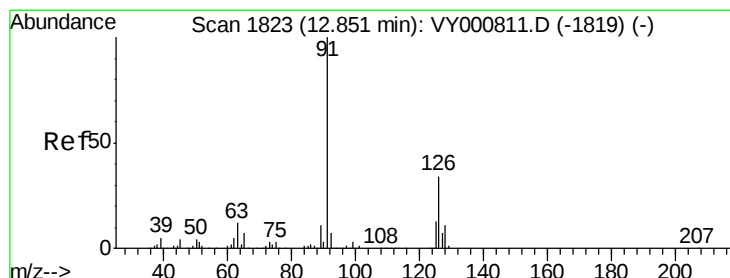
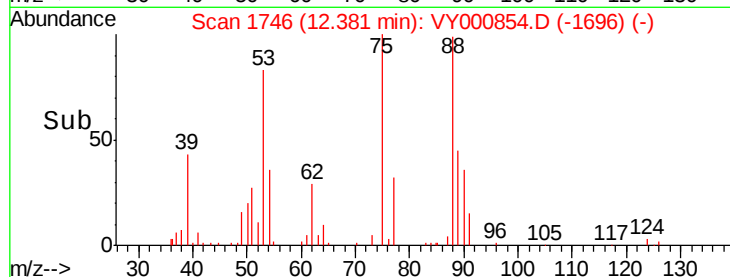
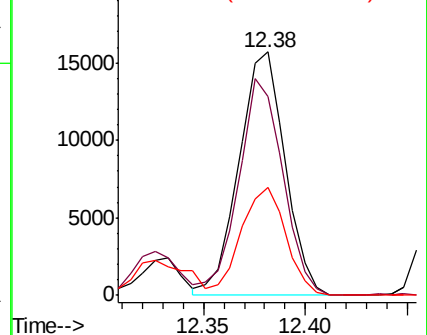
89 43.2 33.6 50.4



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 53.00 (52.70 to 53.70): VY0

Ion 88.90 (88.60 to 89.60): VY0



#82

4-Chlorotoluene

Concen: 20.197 ug/l

RT: 12.86 min Scan# 1824

Delta R.T. 0.01 min

Lab File: VY000854.D

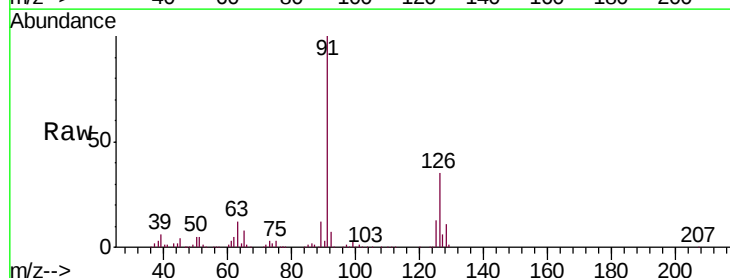
Acq: 04 Dec 2019 11:44

Tgt Ion: 91 Resp: 247405

Ion Ratio Lower Upper

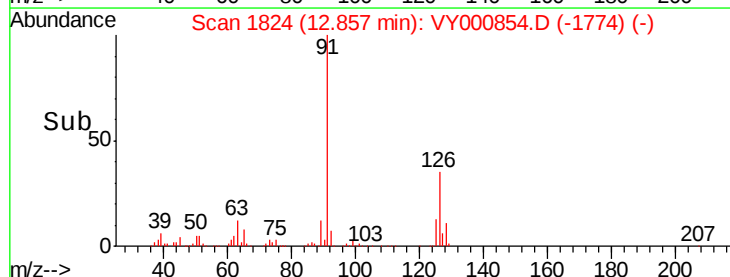
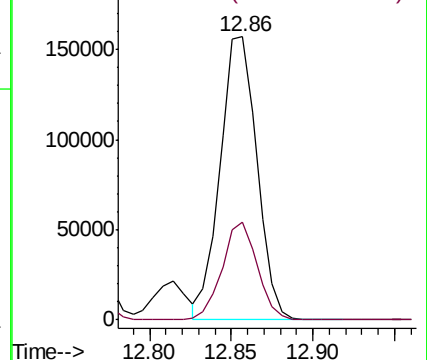
91 100

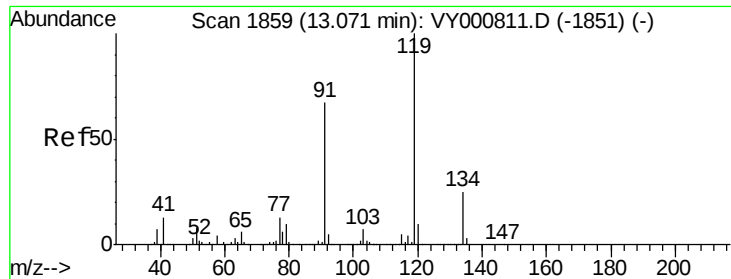
126 32.9 17.3 51.9



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V

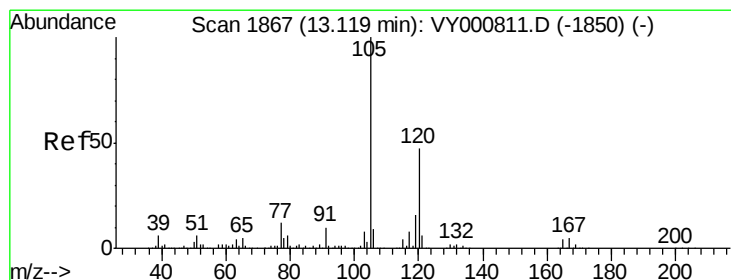
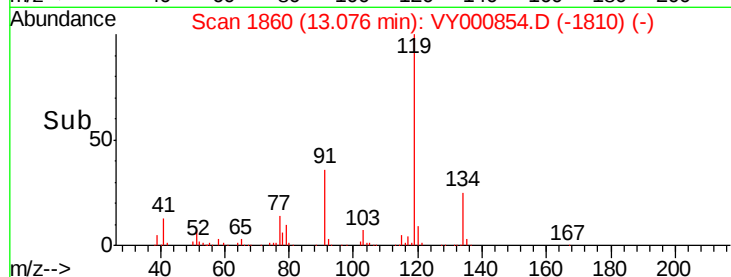
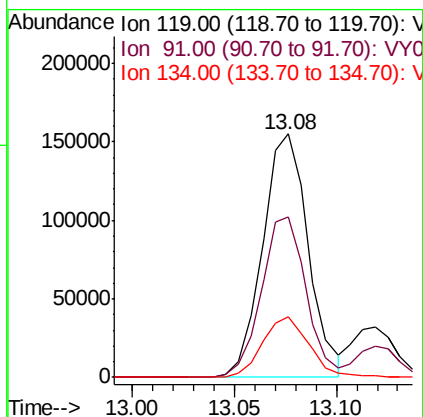
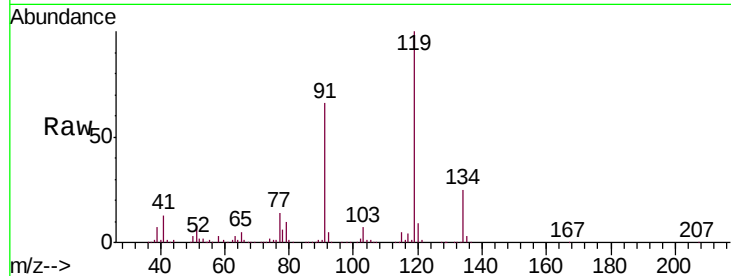




#83
 tert-Butylbenzene
 Concen: 19.696 ug/l
 RT: 13.08 min Scan# 1860
 Delta R.T. 0.01 min
 Lab File: VY000854.D
 Acq: 04 Dec 2019 11:44

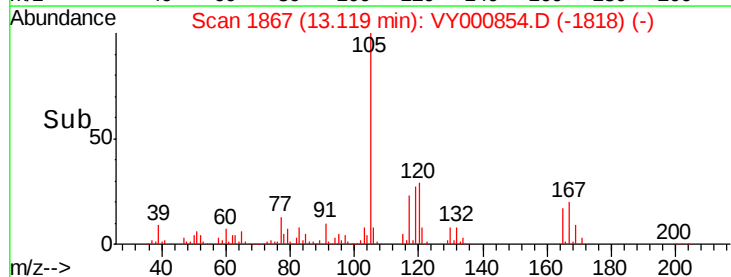
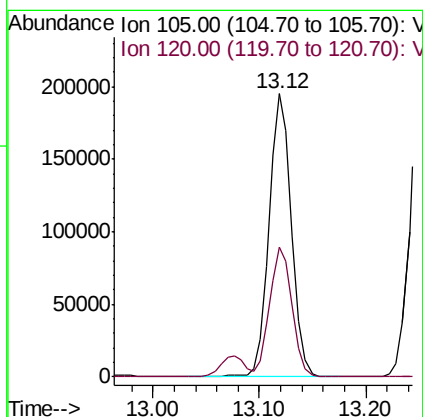
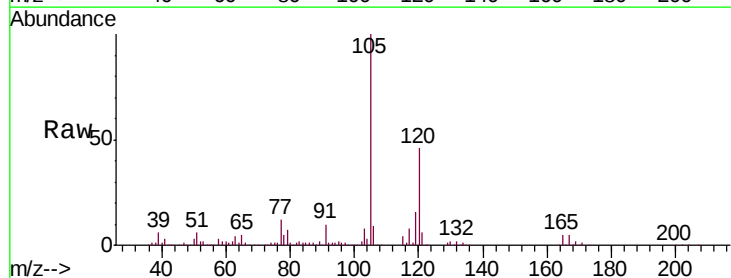
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1204SBS01

Tgt Ion:119 Resp: 241670
 Ion Ratio Lower Upper
 119 100
 91 64.5 32.3 96.8
 134 25.8 12.9 38.7



#84
 1,2,4-Trimethylbenzene
 Concen: 19.578 ug/l
 RT: 13.12 min Scan# 1867
 Delta R.T. -0.00 min
 Lab File: VY000854.D
 Acq: 04 Dec 2019 11:44

Tgt Ion:105 Resp: 285866
 Ion Ratio Lower Upper
 105 100
 120 45.6 22.6 67.8

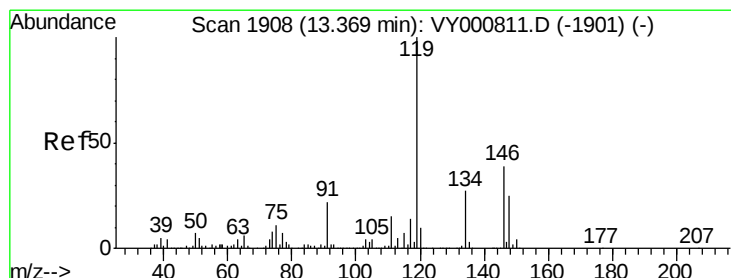
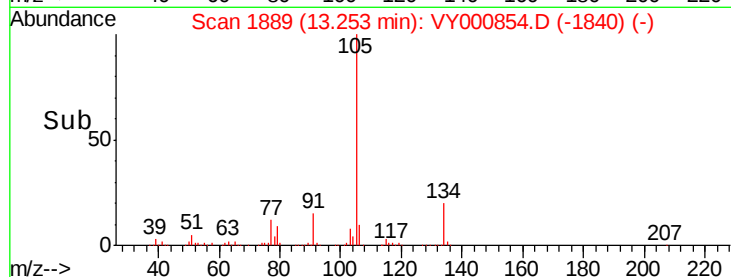
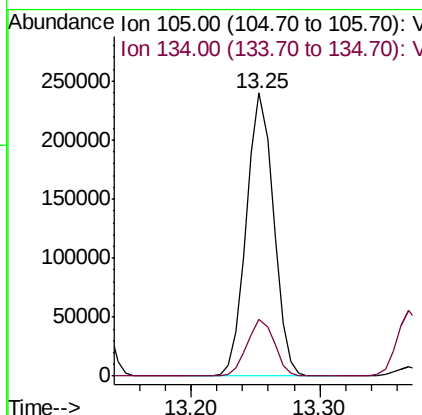
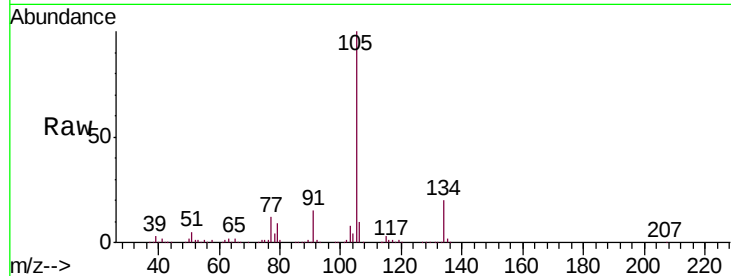




#85
 sec-Butylbenzene
 Concen: 19.625 ug/l
 RT: 13.25 min Scan# 1889
 Delta R.T. -0.00 min
 Lab File: VY000854.D
 Acq: 04 Dec 2019 11:44

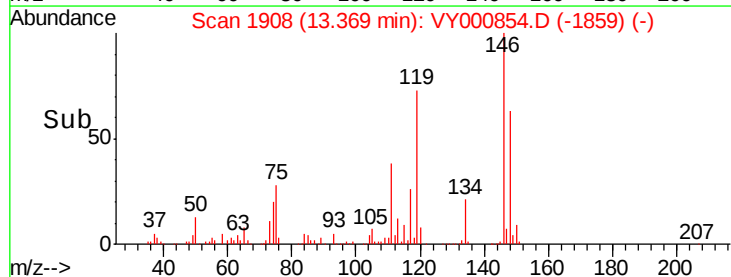
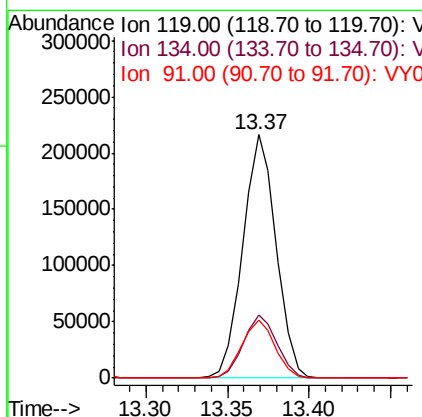
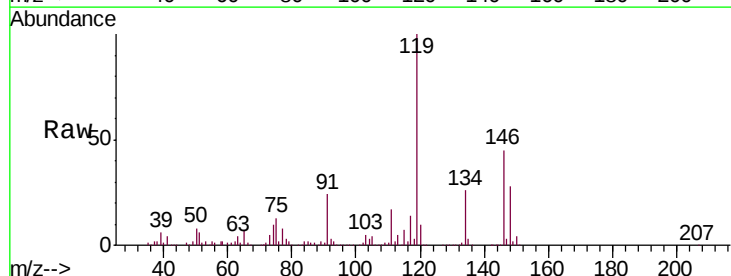
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1204SBS01

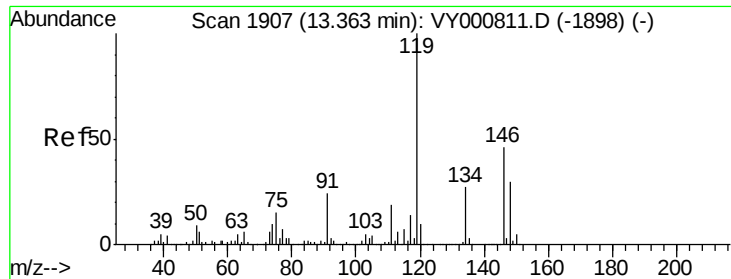
Tgt Ion:105 Resp: 350206
 Ion Ratio Lower Upper
 105 100
 134 20.1 10.1 30.1



#86
 p-Isopropyltoluene
 Concen: 19.697 ug/l
 RT: 13.37 min Scan# 1908
 Delta R.T. -0.00 min
 Lab File: VY000854.D
 Acq: 04 Dec 2019 11:44

Tgt Ion:119 Resp: 305729
 Ion Ratio Lower Upper
 119 100
 134 26.2 13.5 40.4
 91 24.0 11.5 34.5

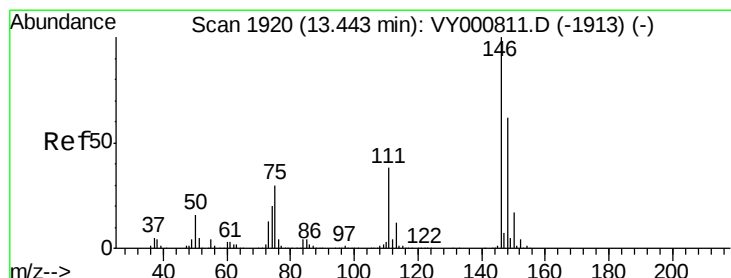
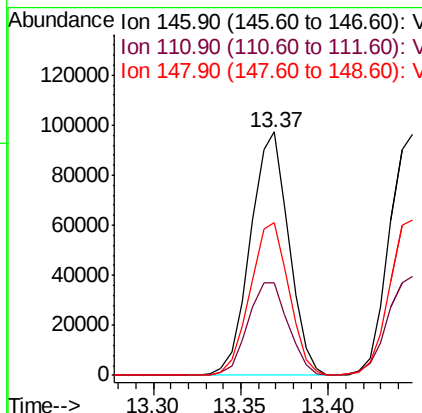
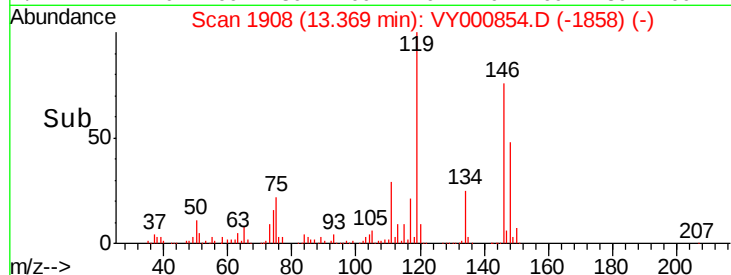
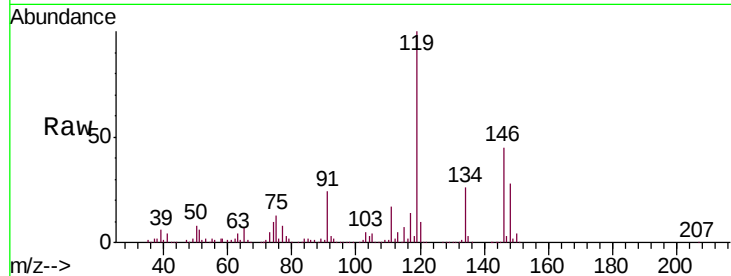




#87
 1,3-Dichlorobenzene
 Concen: 19.782 ug/l
 RT: 13.37 min Scan# 1908
 Delta R.T. 0.01 min
 Lab File: VY000854.D
 Acq: 04 Dec 2019 11:44

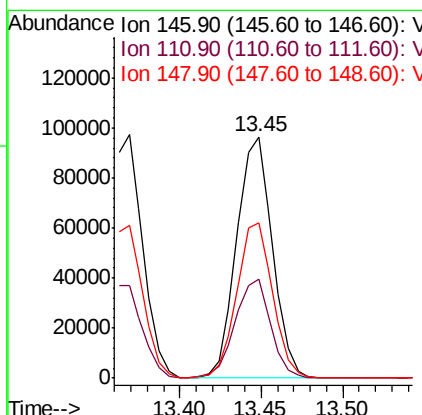
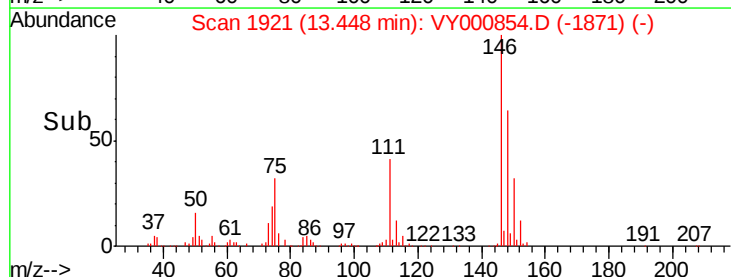
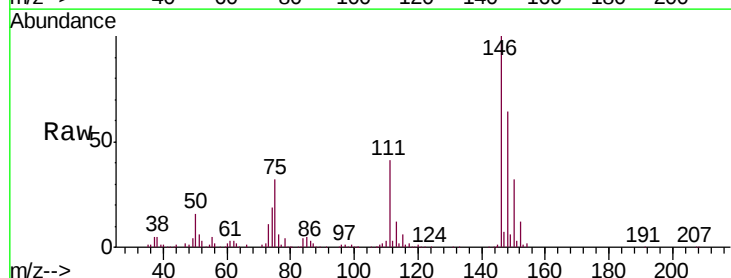
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1204SBS01

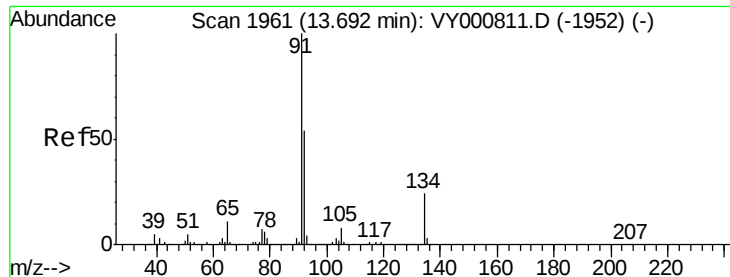
Tgt Ion:146 Resp: 148273
 Ion Ratio Lower Upper
 146 100
 111 40.2 20.0 60.0
 148 63.3 32.1 96.5



#88
 1,4-Dichlorobenzene
 Concen: 19.831 ug/l
 RT: 13.45 min Scan# 1921
 Delta R.T. 0.01 min
 Lab File: VY000854.D
 Acq: 04 Dec 2019 11:44

Tgt Ion:146 Resp: 147177
 Ion Ratio Lower Upper
 146 100
 111 41.0 20.0 59.9
 148 64.7 31.7 95.1





#89

n-Butylbenzene

Concen: 20.030 ug/l

RT: 13.70 min Scan# 1962

Delta R.T. 0.01 min

Lab File: VY000854.D

Acq: 04 Dec 2019 11:44

Instrument :

MSVOA_Y

ClientSampleId :

VY1204SBS01

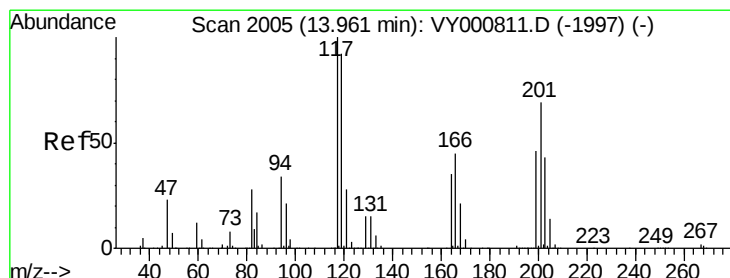
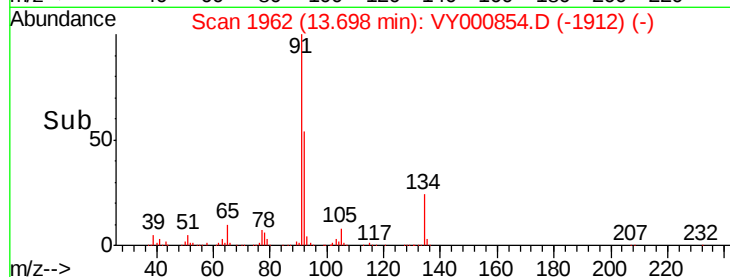
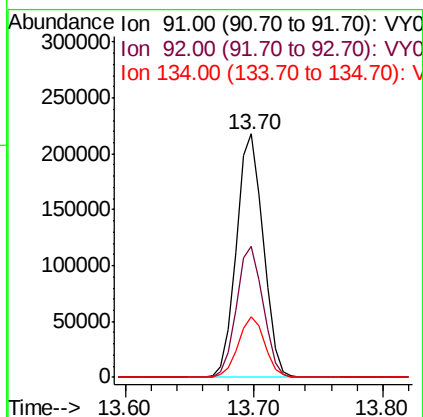
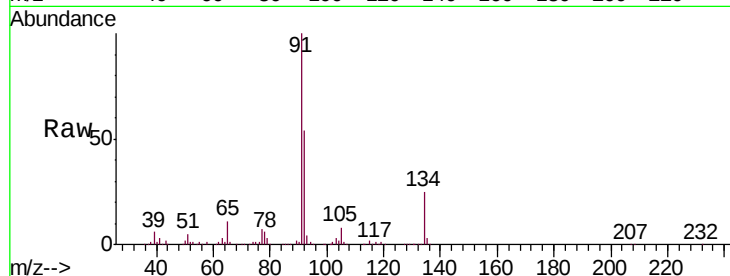
Tgt Ion: 91 Resp: 314332

Ion Ratio Lower Upper

91 100

92 53.4 26.9 80.7

134 24.7 12.6 37.6



#90

Hexachloroethane

Concen: 20.258 ug/l

RT: 13.96 min Scan# 2005

Delta R.T. -0.00 min

Lab File: VY000854.D

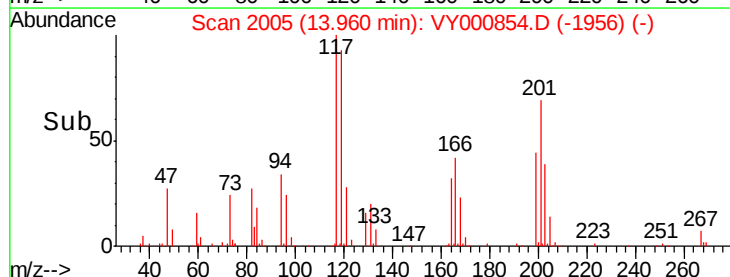
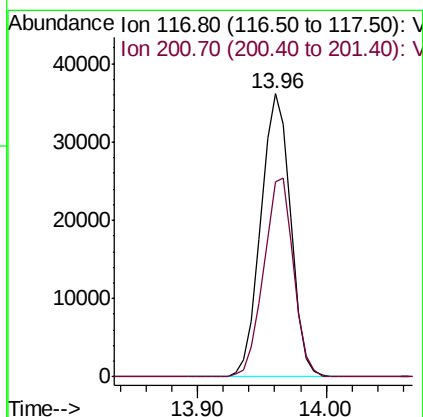
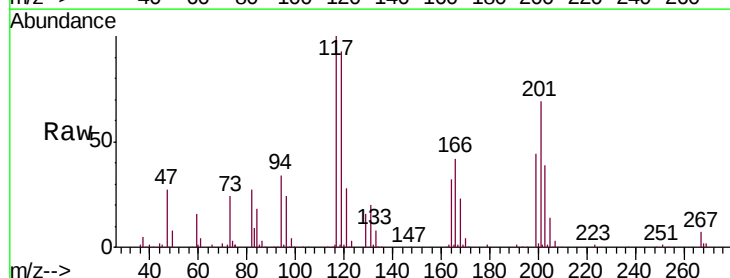
Acq: 04 Dec 2019 11:44

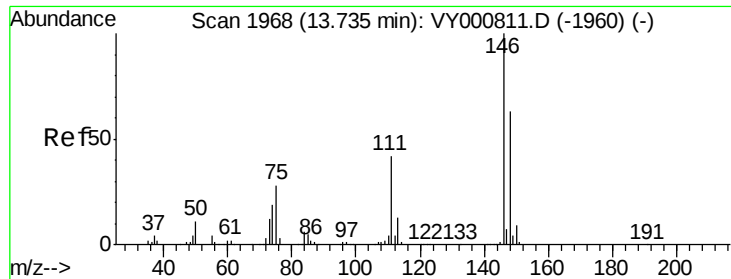
Tgt Ion: 117 Resp: 57921

Ion Ratio Lower Upper

117 100

201 70.4 34.0 102.0





#91

1,2-Dichlorobenzene

Concen: 20.306 ug/l

RT: 13.74 min Scan# 1969

Delta R.T. 0.01 min

Lab File: VY000854.D

Acq: 04 Dec 2019 11:44

Instrument :

MSVOA_Y

ClientSampleId :

VY1204SBS01

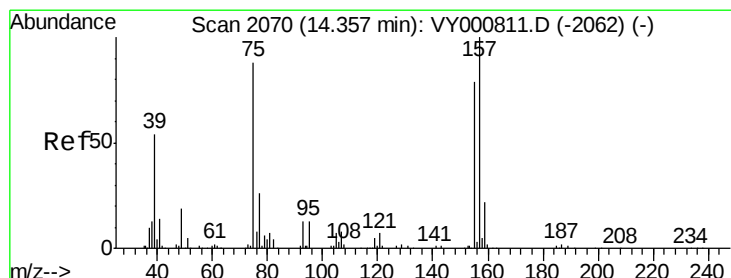
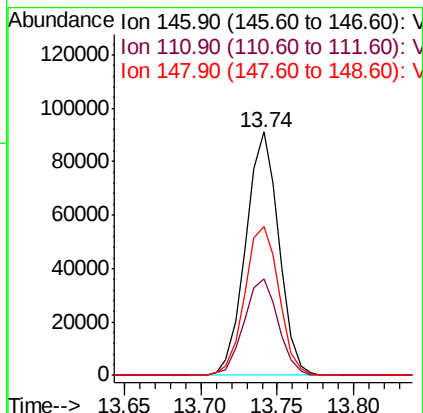
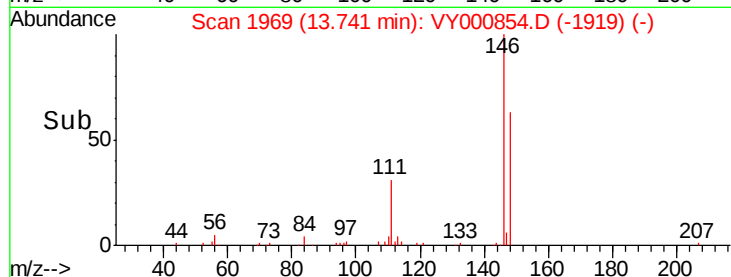
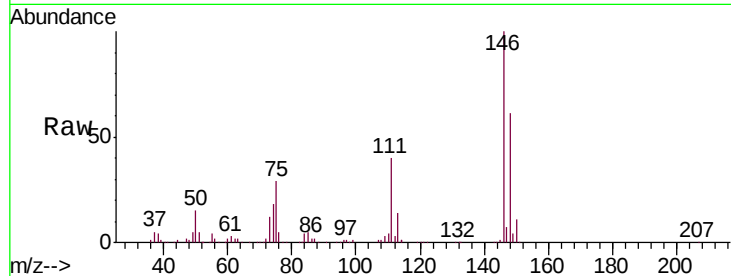
Tgt Ion:146 Resp: 136906

Ion Ratio Lower Upper

146 100

111 40.9 20.9 62.7

148 63.2 32.1 96.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 18.507 ug/l

RT: 14.36 min Scan# 2070

Delta R.T. -0.00 min

Lab File: VY000854.D

Acq: 04 Dec 2019 11:44

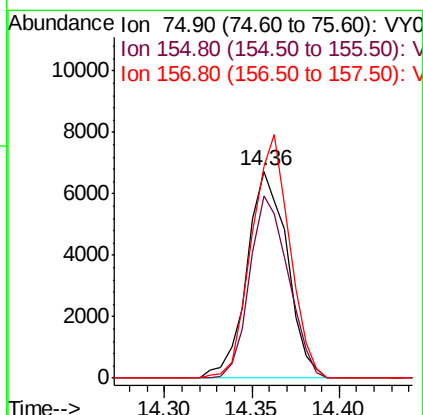
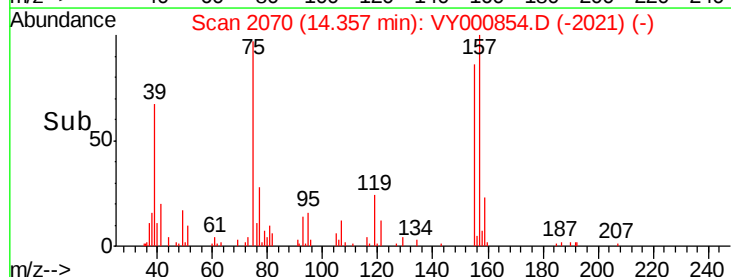
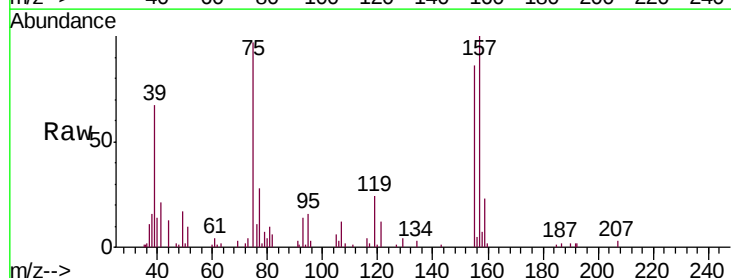
Tgt Ion: 75 Resp: 10761

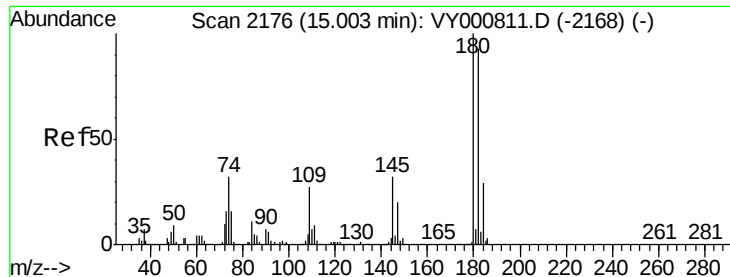
Ion Ratio Lower Upper

75 100

155 84.1 44.3 132.9

157 110.9 56.3 168.9

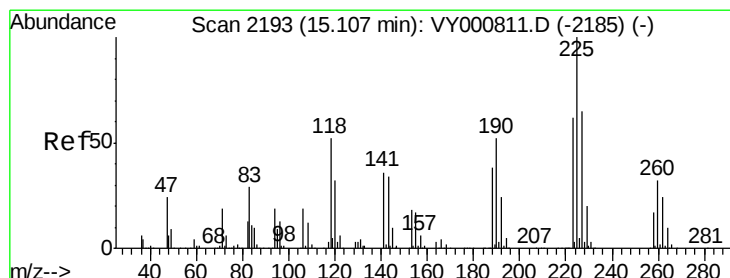
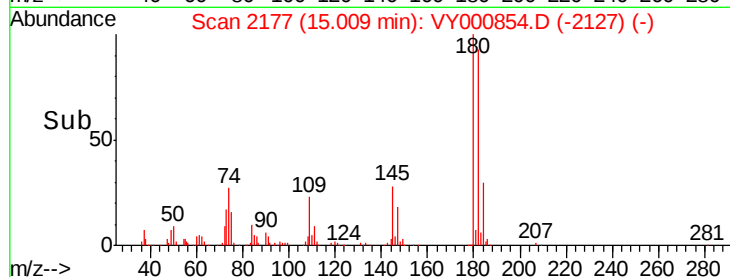
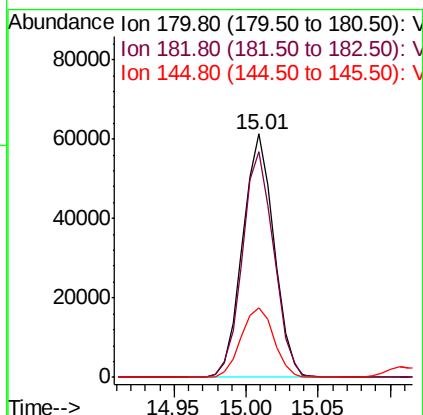
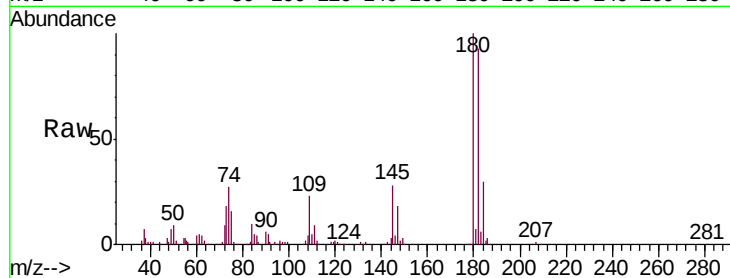




#93
 1,2,4-Trichlorobenzene
 Concen: 20.209 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. 0.01 min
 Lab File: VY000854.D
 Acq: 04 Dec 2019 11:44

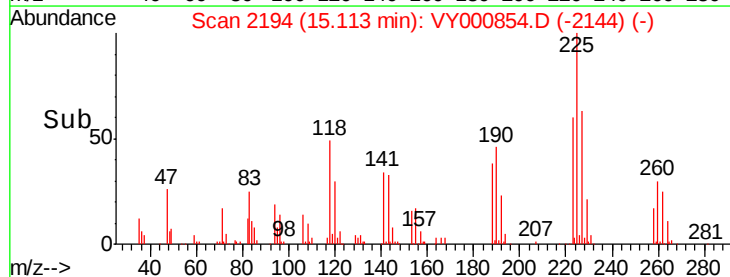
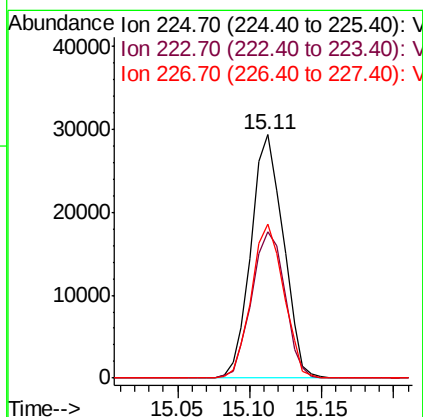
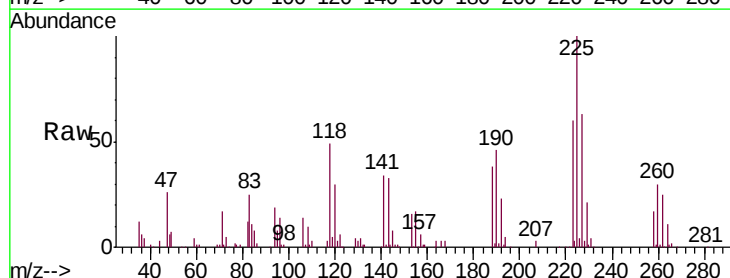
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1204SBS01

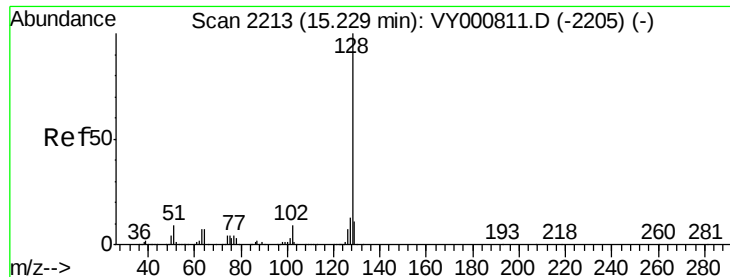
Tgt Ion:180 Resp: 92196
 Ion Ratio Lower Upper
 180 100
 182 93.3 47.3 141.9
 145 30.0 16.0 47.9



#94
 Hexachlorobutadiene
 Concen: 20.211 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. 0.01 min
 Lab File: VY000854.D
 Acq: 04 Dec 2019 11:44

Tgt Ion:225 Resp: 45715
 Ion Ratio Lower Upper
 225 100
 223 61.6 31.4 94.3
 227 63.1 31.8 95.3

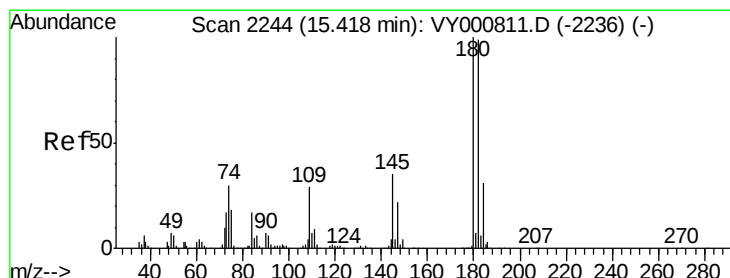
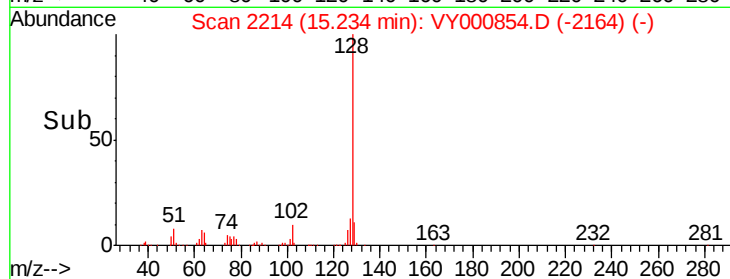
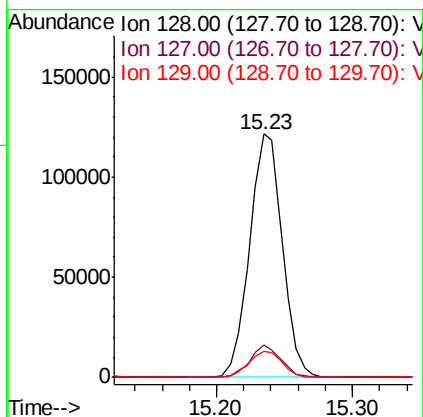
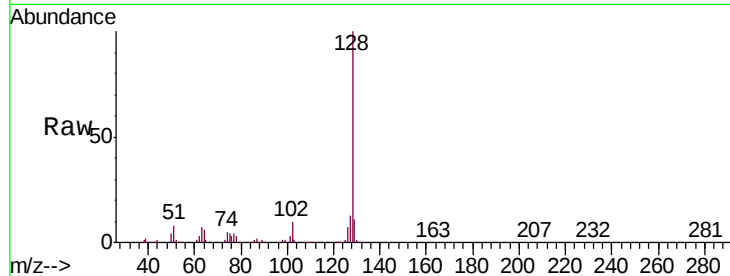




#95
Naphthalene
Concen: 19.353 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. 0.01 min
Lab File: VY000854.D
Acq: 04 Dec 2019 11:44

Instrument :
MSVOA_Y
ClientSampleId :
VY1204SBS01

Tgt Ion:128 Resp: 205011
Ion Ratio Lower Upper
128 100
127 12.6 10.1 15.1
129 11.0 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 19.532 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. 0.01 min
Lab File: VY000854.D
Acq: 04 Dec 2019 11:44

Tgt Ion:180 Resp: 79591
Ion Ratio Lower Upper
180 100
182 95.5 48.0 144.0
145 33.2 16.9 50.6

