

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY031220\
 Data File : VY001954.D
 Acq On : 12 Mar 2020 11:21
 Operator : SY/MD
 Sample : VY0312SBS01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0312SBS01

Quant Time: Mar 13 05:40:22 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y030420S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 05 04:05:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	194246	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	349274	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	311122	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	145343	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.16	65	107041	51.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.24%	
35) Dibromofluoromethane	7.74	113	100989	52.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.90%	
50) Toluene-d8	10.19	98	409719	50.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.90%	
62) 4-Bromofluorobenzene	12.49	95	145703	52.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.20%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	33831	18.87	ug/l	98
3) Chloromethane	2.13	50	48027	19.87	ug/l	95
4) Vinyl Chloride	2.27	62	49557	20.15	ug/l	99
5) Bromomethane	2.66	94	32919	19.33	ug/l	100
6) Chloroethane	2.81	64	31011	20.08	ug/l	95
7) Trichlorofluoromethane	3.15	101	67494	20.24	ug/l	98
8) Diethyl Ether	3.55	74	26279	19.99	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.93	101	42502	19.82	ug/l	99
10) Methyl Iodide	4.11	142	48516	19.56	ug/l	99
11) Tert butyl alcohol	4.99	59	30317	129.61	ug/l #	95
12) 1,1-Dichloroethene	3.90	96	44098	20.42	ug/l	99
13) Acrolein	3.76	56	25004	85.81	ug/l	96
14) Allyl chloride	4.51	41	75329	19.67	ug/l	98
15) Acrylonitrile	5.20	53	66644	94.89	ug/l	99
16) Acetone	3.98	43	57859	95.80	ug/l	96
17) Carbon Disulfide	4.22	76	136310	18.78	ug/l	99
18) Methyl Acetate	4.50	43	30828	19.86	ug/l	100
19) Methyl tert-butyl Ether	5.25	73	120906	20.66	ug/l	99
20) Methylene Chloride	4.75	84	52819	20.40	ug/l	99
21) trans-1,2-Dichloroethene	5.25	96	48949	19.97	ug/l	100
22) Diisopropyl ether	6.15	45	154460	19.68	ug/l	95
23) Vinyl Acetate	6.09	43	501680	97.51	ug/l	97
24) 1,1-Dichloroethane	6.05	63	85233	20.05	ug/l	99
25) 2-Butanone	7.02	43	89031	96.93	ug/l	96
26) 2,2-Dichloropropane	7.01	77	74213	21.28	ug/l	98
27) cis-1,2-Dichloroethene	7.02	96	54383	20.40	ug/l	99
28) Bromochloromethane	7.36	49	37446	19.55	ug/l	92
29) Tetrahydrofuran	7.38	42	56654	92.88	ug/l	98
30) Chloroform	7.53	83	80848	20.25	ug/l	98
31) Cyclohexane	7.81	56	85952	18.86	ug/l	96
32) 1,1,1-Trichloroethane	7.72	97	68522	20.36	ug/l	99
36) 1,1-Dichloropropene	7.94	75	67308	20.03	ug/l	99
37) Ethyl Acetate	7.10	43	39203	20.07	ug/l	98
38) Carbon Tetrachloride	7.92	117	60037	20.91	ug/l	97

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.20	83	88586	19.87	ug/l	99
40) Benzene	8.18	78	195926	19.67	ug/l	98
41) Methacrylonitrile	7.36	41	51798	58.92	ug/l #	22
42) 1,2-Dichloroethane	8.26	62	53399	20.80	ug/l	99
43) Isopropyl Acetate	8.29	43	72961	19.73	ug/l	99
44) Trichloroethene	8.96	130	50063	20.63	ug/l	95
45) 1,2-Dichloropropane	9.23	63	49765	19.87	ug/l	97
46) Dibromomethane	9.32	93	26307	20.38	ug/l	97
47) Bromodichloromethane	9.51	83	62611	20.86	ug/l	98
48) Methyl methacrylate	9.31	41	32881	20.04	ug/l	99
49) 1,4-Dioxane	9.31	88	6551	370.46	ug/l	92
51) 4-Methyl-2-Pentanone	10.08	43	188936	99.18	ug/l	100
52) Toluene	10.25	92	121409	20.06	ug/l	99
53) t-1,3-Dichloropropene	10.48	75	67489	20.63	ug/l	99
54) cis-1,3-Dichloropropene	9.94	75	79721	20.47	ug/l	98
55) 1,1,2-Trichloroethane	10.66	97	37738	19.98	ug/l	97
56) Ethyl methacrylate	10.52	69	54741	19.77	ug/l	94
57) 1,3-Dichloropropane	10.80	76	67272	19.98	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.80	63	150003	140.98	ug/l	98
59) 2-Hexanone	10.85	43	132889	97.74	ug/l	100
60) Dibromochloromethane	11.00	129	41858	21.03	ug/l	99
61) 1,2-Dibromoethane	11.10	107	36787	20.56	ug/l	98
64) Tetrachloroethene	10.73	164	40666	20.84	ug/l	91
65) Chlorobenzene	11.53	112	123385	19.90	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.60	131	41219	20.28	ug/l	97
67) Ethyl Benzene	11.60	91	234170	20.25	ug/l	98
68) m/p-Xylenes	11.71	106	172586	40.38	ug/l	98
69) o-Xylene	12.04	106	82422	20.46	ug/l	100
70) Styrene	12.05	104	141271	20.47	ug/l	99
71) Bromoform	12.22	173	22889	20.76	ug/l #	99
73) Isopropylbenzene	12.34	105	223343	20.13	ug/l	100
74) N-amyl acetate	12.15	43	65075	19.08	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.59	83	46744	19.54	ug/l	98
76) 1,2,3-Trichloropropane	12.64	75	61298	35.54	ug/l #	100
77) Bromobenzene	12.62	156	47287	20.12	ug/l	98
78) n-propylbenzene	12.68	91	272061	19.88	ug/l	98
79) 2-Chlorotoluene	12.77	91	151997	20.10	ug/l	99
80) 1,3,5-Trimethylbenzene	12.82	105	184435	20.19	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.39	75	16775	19.65	ug/l	95
82) 4-Chlorotoluene	12.86	91	161472	20.51	ug/l	100
83) tert-Butylbenzene	13.08	119	154363	20.35	ug/l	99
84) 1,2,4-Trimethylbenzene	13.13	105	186639	20.59	ug/l	99
85) sec-Butylbenzene	13.26	105	227645	20.36	ug/l	99
86) p-Isopropyltoluene	13.38	119	199155	20.65	ug/l	100
87) 1,3-Dichlorobenzene	13.38	146	93827	20.37	ug/l	98
88) 1,4-Dichlorobenzene	13.45	146	93283	19.96	ug/l	98
89) n-Butylbenzene	13.70	91	202669	20.25	ug/l	99
90) Hexachloroethane	13.97	117	36821	20.23	ug/l	99
91) 1,2-Dichlorobenzene	13.75	146	86553	20.68	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.36	75	7839	21.00	ug/l	93

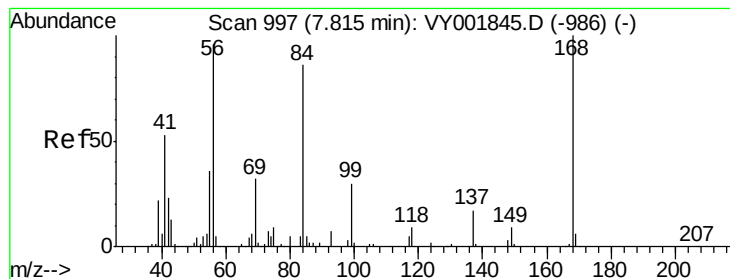
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_Y\DATA\VY031220\
Data File : VY001954.D
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y030420S.M
Quant Title : SW846 8260
QLast Update : Thu Mar 05 04:05:33 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	55789	20.56	ug/l	98
94) Hexachlorobutadiene	15.12	225	27139	20.51	ug/l	98
95) Naphthalene	15.25	128	128602	19.98	ug/l	100
96) 1,2,3-Trichlorobenzene	15.44	180	49391	20.66	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.82 min Scan# 997

Delta R.T. 0.00 min

Lab File: VY001954.D

Acq: 12 Mar 2020 11:21

Instrument :

MSVOA_Y

ClientSampleId :

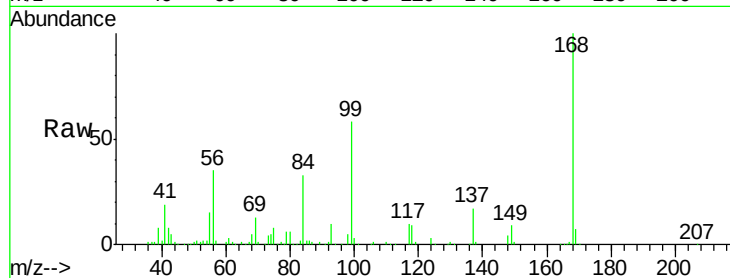
VY0312SBS01

Tgt Ion:168 Resp: 194246

Ion Ratio Lower Upper

168 100

99 58.2 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): VY001845.D (-986) (-)

Ion 98.90 (98.60 to 99.60): VY001845.D (-986) (-)

7.82

80000

60000

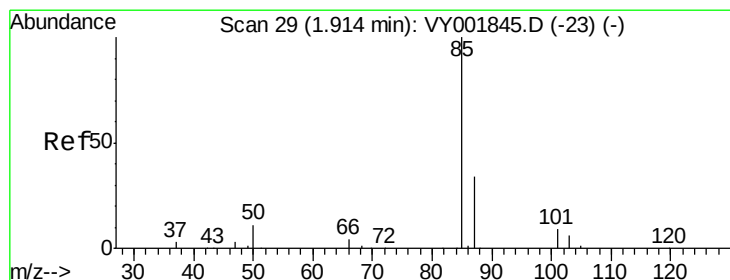
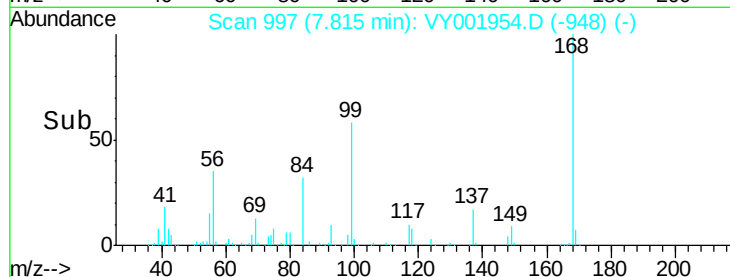
40000

20000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 18.87 ug/l

RT: 1.91 min Scan# 29

Delta R.T. 0.00 min

Lab File: VY001954.D

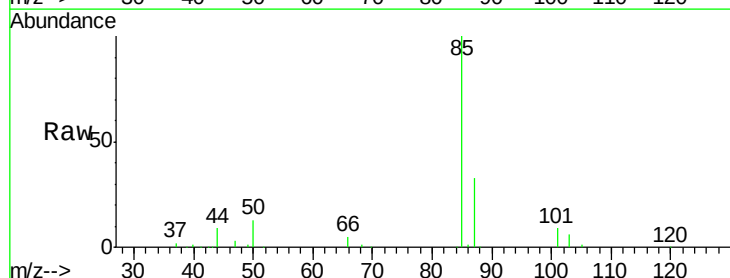
Acq: 12 Mar 2020 11:21

Tgt Ion: 85 Resp: 33831

Ion Ratio Lower Upper

85 100

87 32.7 16.8 50.4



Abundance Ion 84.90 (84.60 to 85.60): VY001845.D (-23) (-)

Ion 86.90 (86.60 to 87.60): VY001845.D (-23) (-)

1.91

25000

20000

15000

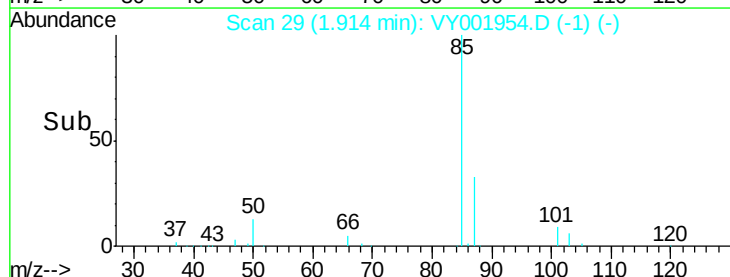
10000

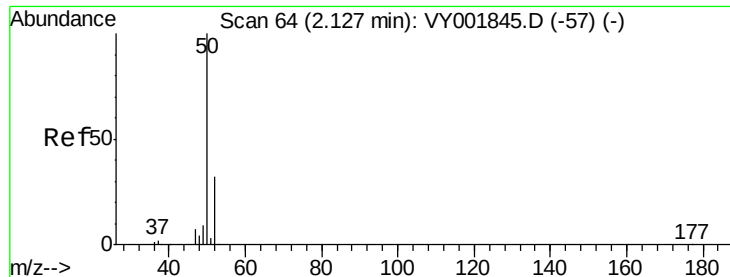
5000

0

1.85 1.90 1.95 2.00

Time-->





#3

Chloromethane

Concen: 19.87 ug/l

RT: 2.13 min Scan# 64

Delta R.T. 0.00 min

Lab File: VY001954.D

Acq: 12 Mar 2020 11:21

Instrument :

MSVOA_Y

ClientSampleId :

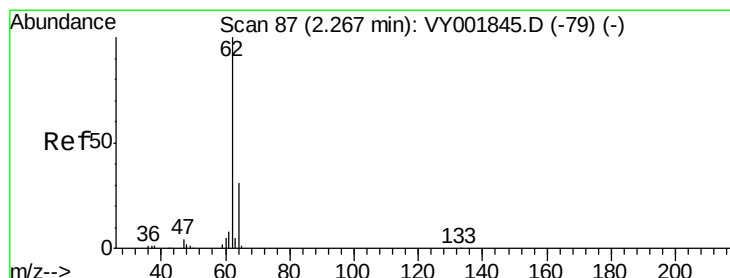
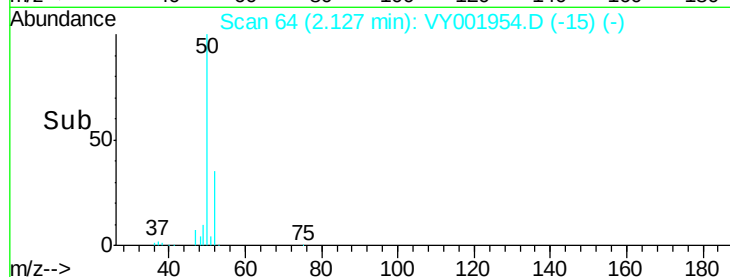
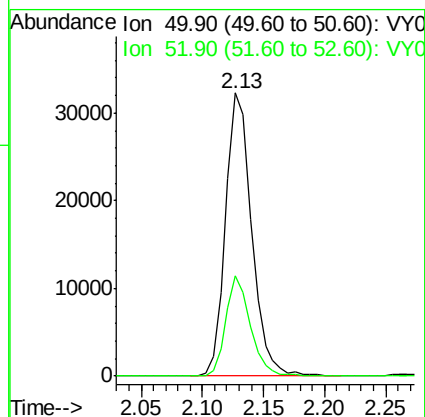
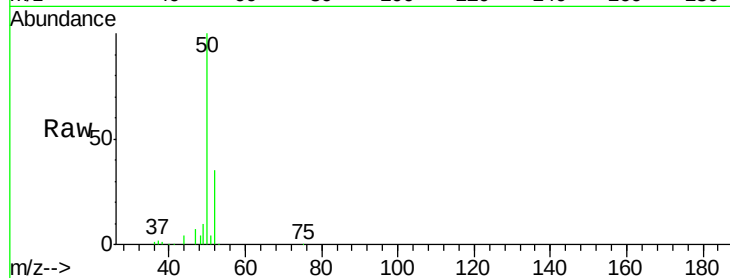
VY0312SBS01

Tgt Ion: 50 Resp: 48027

Ion Ratio Lower Upper

50 100

52 35.2 25.8 38.6



#4

Vinyl Chloride

Concen: 20.15 ug/l

RT: 2.27 min Scan# 87

Delta R.T. 0.00 min

Lab File: VY001954.D

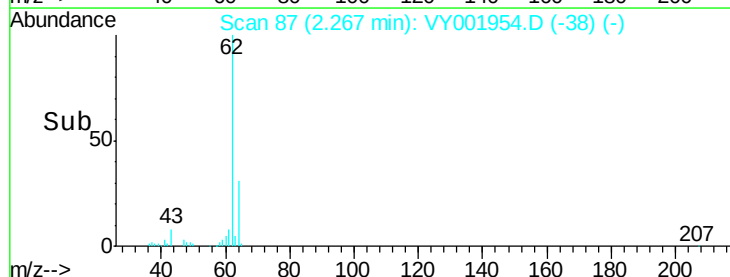
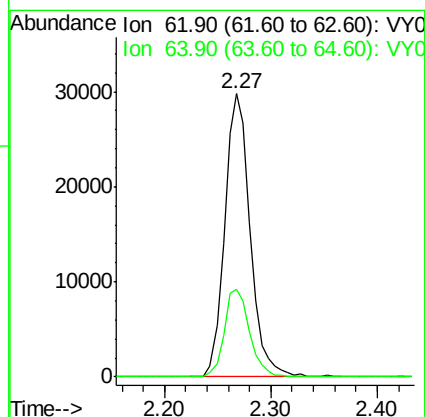
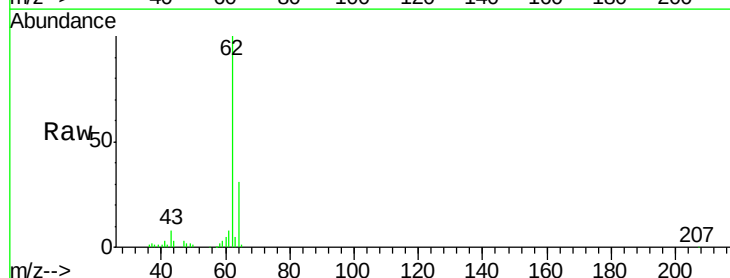
Acq: 12 Mar 2020 11:21

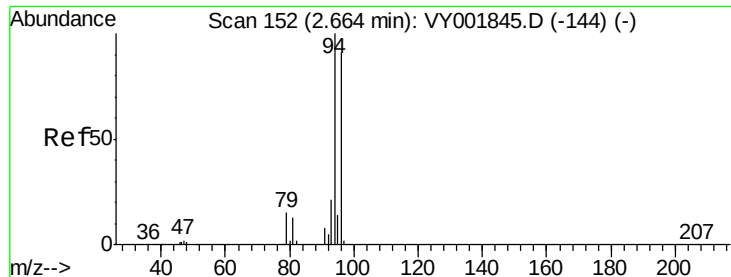
Tgt Ion: 62 Resp: 49557

Ion Ratio Lower Upper

62 100

64 30.9 25.1 37.7





#5

Bromomethane

Concen: 19.33 ug/l

RT: 2.66 min Scan# 152

Delta R.T. 0.00 min

Lab File: VY001954.D

Acq: 12 Mar 2020 11:21

Instrument :

MSVOA_Y

ClientSampleId :

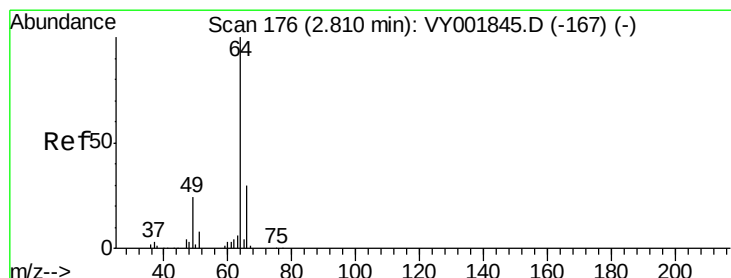
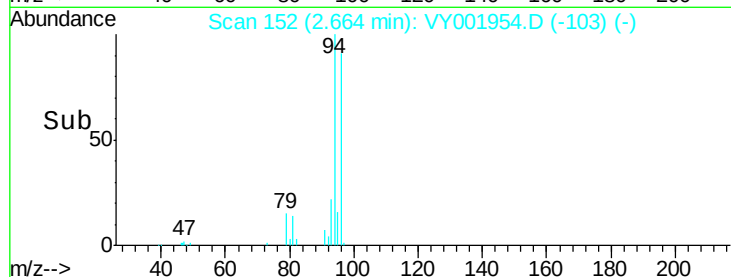
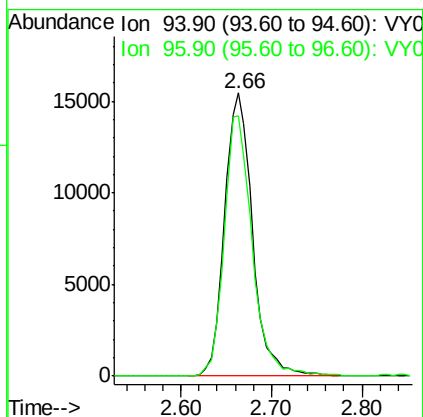
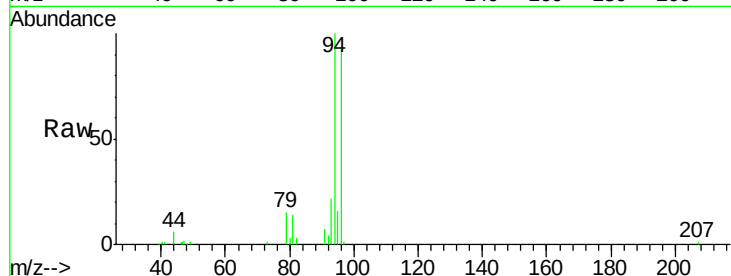
VY0312SBS01

Tgt Ion: 94 Resp: 32919

Ion Ratio Lower Upper

94 100

96 91.8 73.2 109.8



#6

Chloroethane

Concen: 20.08 ug/l

RT: 2.81 min Scan# 176

Delta R.T. 0.00 min

Lab File: VY001954.D

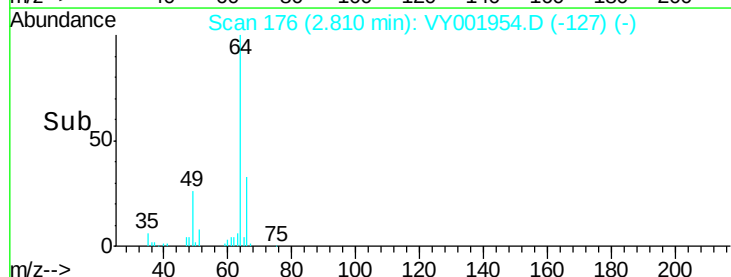
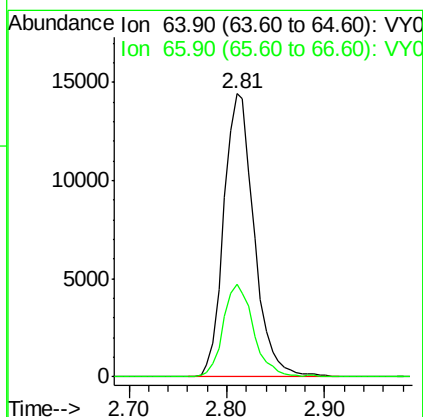
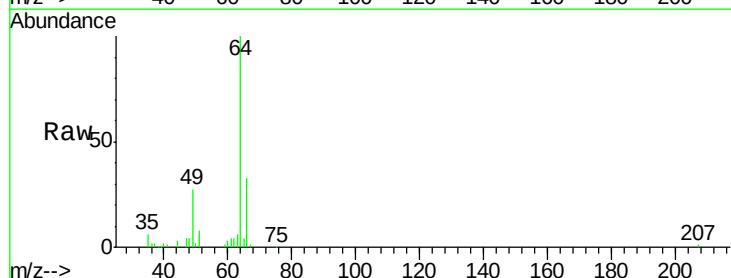
Acq: 12 Mar 2020 11:21

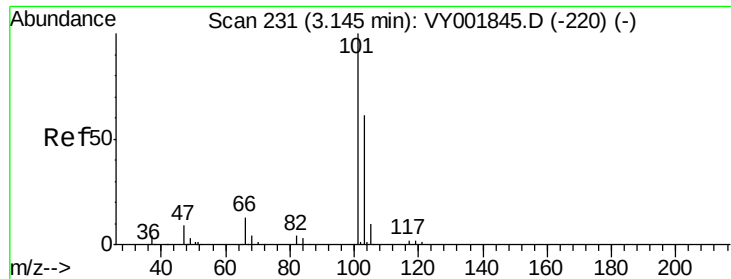
Tgt Ion: 64 Resp: 31011

Ion Ratio Lower Upper

64 100

66 32.6 23.8 35.8



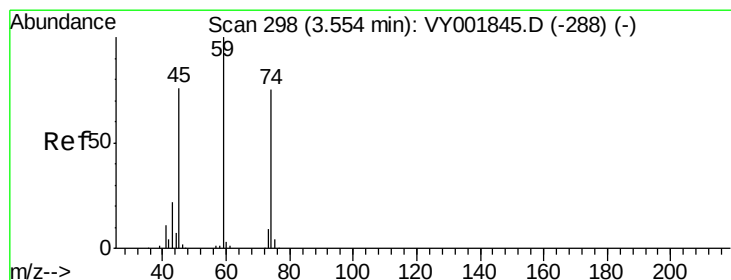
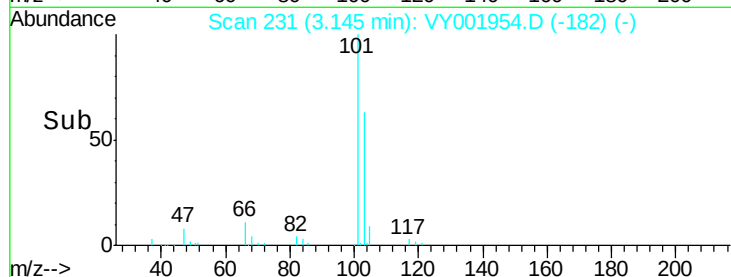
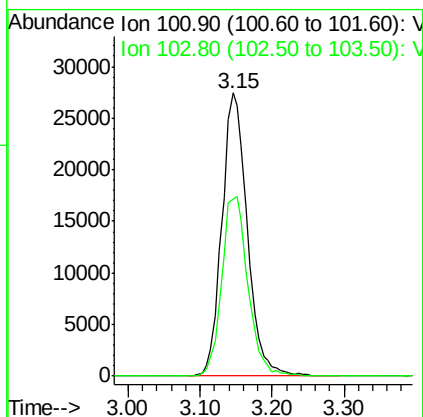
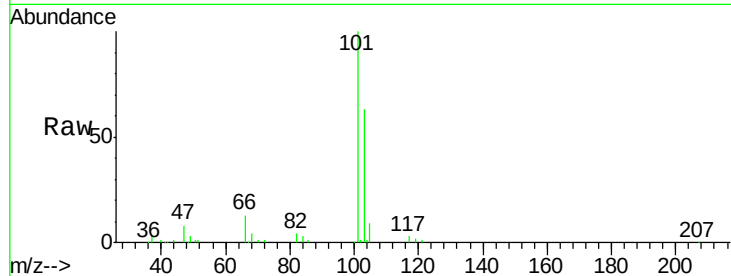


#7

Trichlorofluoromethane
 Concen: 20.24 ug/l
 RT: 3.15 min Scan# 231
 Delta R.T. 0.00 min
 Lab File: VY001954.D
 Acq: 12 Mar 2020 11:21

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0312SBS01

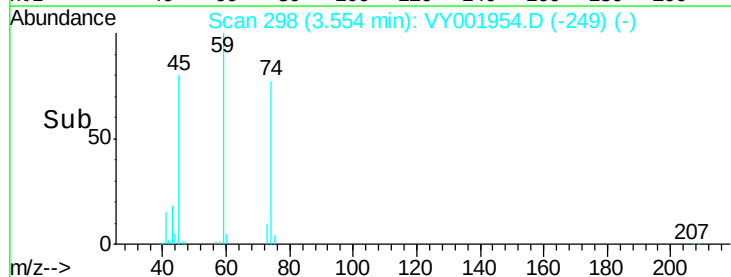
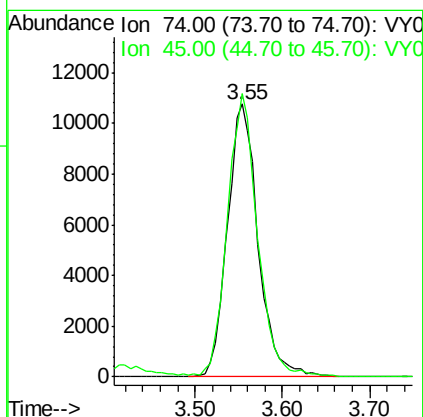
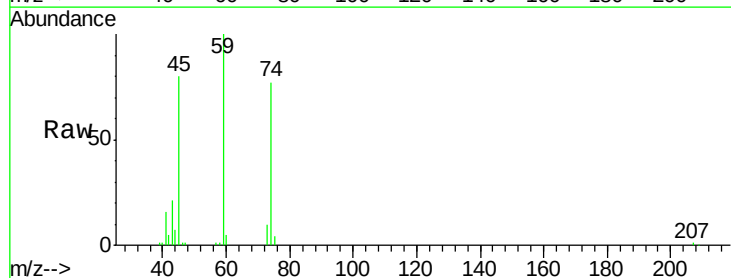
Tgt Ion:101 Resp: 67494
 Ion Ratio Lower Upper
 101 100
 103 62.7 49.1 73.7

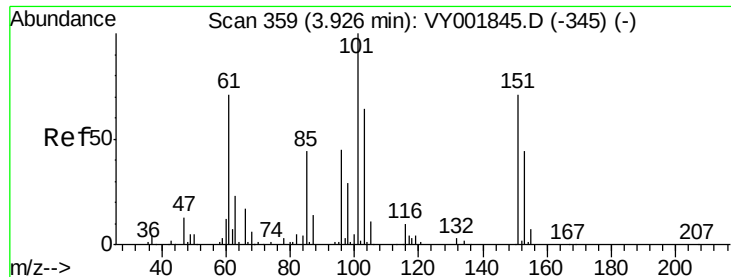


#8

Diethyl Ether
 Concen: 19.99 ug/l
 RT: 3.55 min Scan# 298
 Delta R.T. 0.00 min
 Lab File: VY001954.D
 Acq: 12 Mar 2020 11:21

Tgt Ion: 74 Resp: 26279
 Ion Ratio Lower Upper
 74 100
 45 102.5 50.5 151.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.82 ug/l

RT: 3.93 min Scan# 359

Delta R.T. 0.00 min

Lab File: VY001954.D

Acq: 12 Mar 2020 11:21

Instrument :

MSVOA_Y

ClientSampleId :

VY0312SBS01

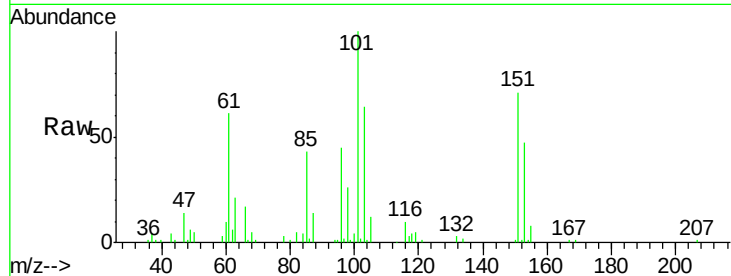
Tgt Ion:101 Resp: 42502

Ion Ratio Lower Upper

101 100

85 43.8 35.3 52.9

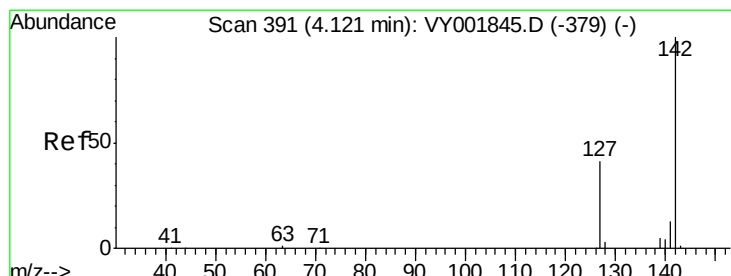
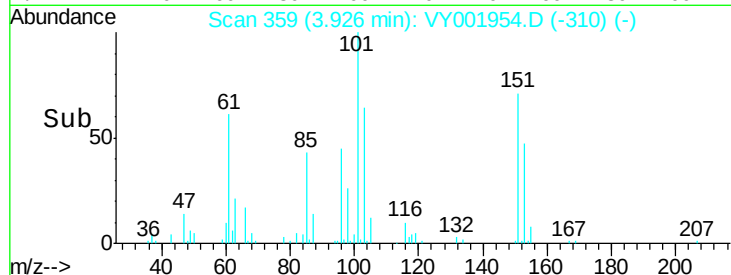
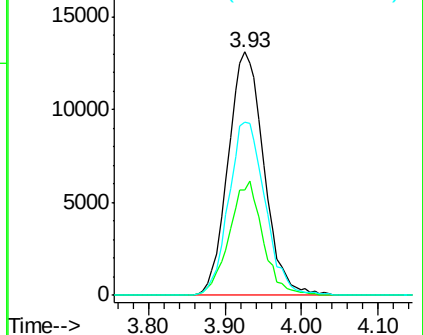
151 72.4 57.0 85.4



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VY0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 19.56 ug/l

RT: 4.11 min Scan# 390

Delta R.T. -0.01 min

Lab File: VY001954.D

Acq: 12 Mar 2020 11:21

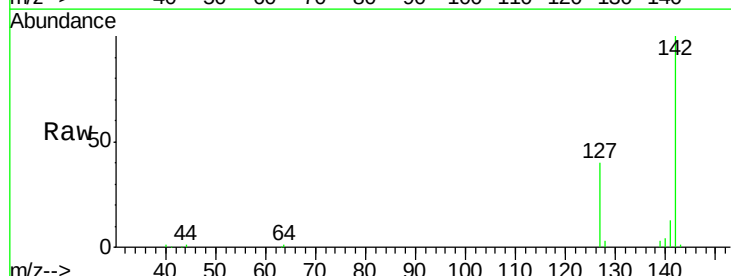
Tgt Ion:142 Resp: 48516

Ion Ratio Lower Upper

142 100

127 41.8 32.7 49.1

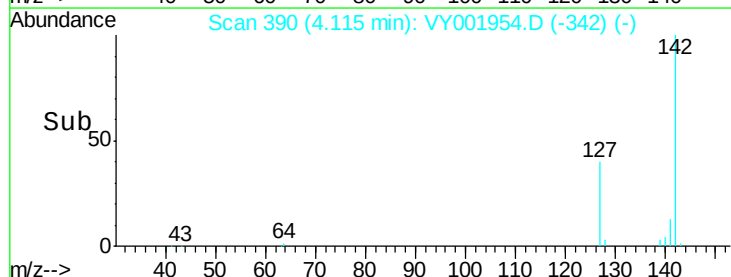
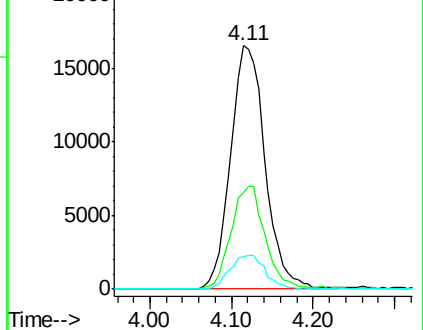
141 14.1 11.0 16.6

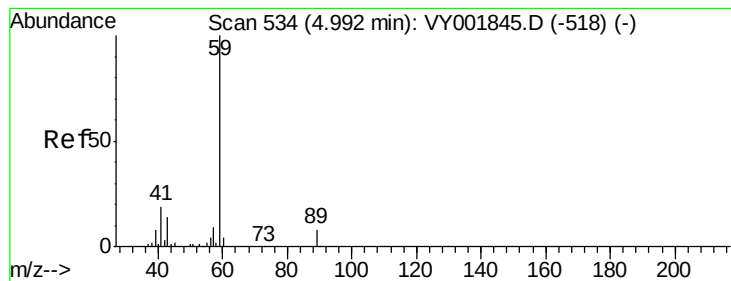


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 129.61 ug/l

RT: 4.99 min Scan# 533

Delta R.T. -0.01 min

Lab File: VY001954.D

Acq: 12 Mar 2020 11:21

Instrument :

MSVOA_Y

ClientSampleId :

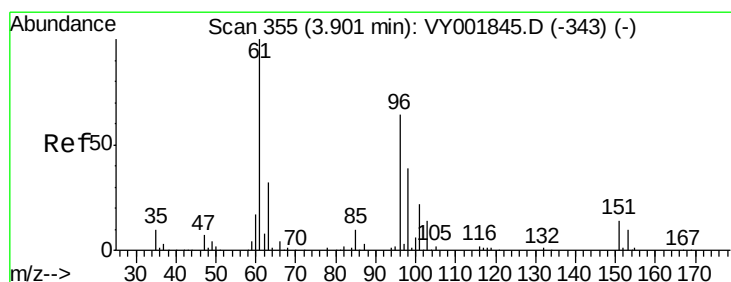
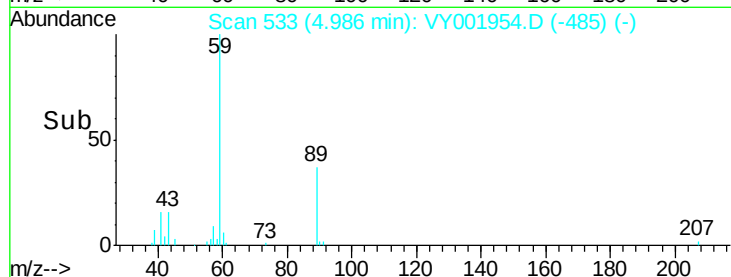
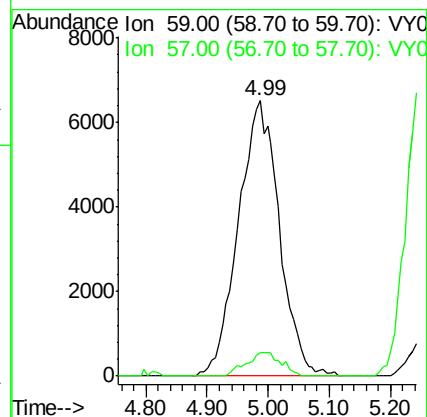
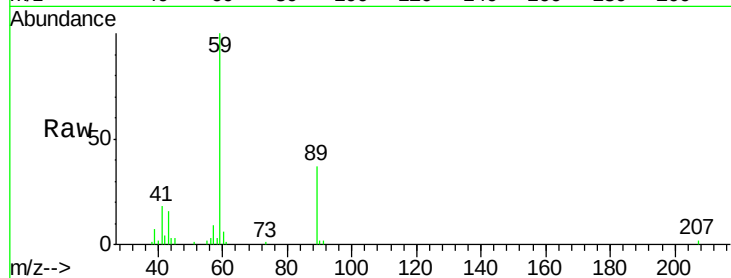
VY0312SBS01

Tgt Ion: 59 Resp: 30317

Ion Ratio Lower Upper

59 100

57 7.3 7.4 11.2#



#12

1,1-Dichloroethene

Concen: 20.42 ug/l

RT: 3.90 min Scan# 355

Delta R.T. 0.00 min

Lab File: VY001954.D

Acq: 12 Mar 2020 11:21

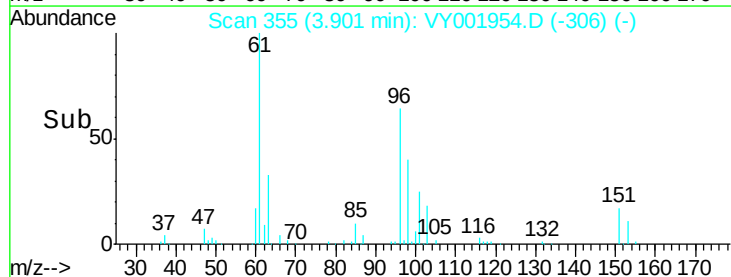
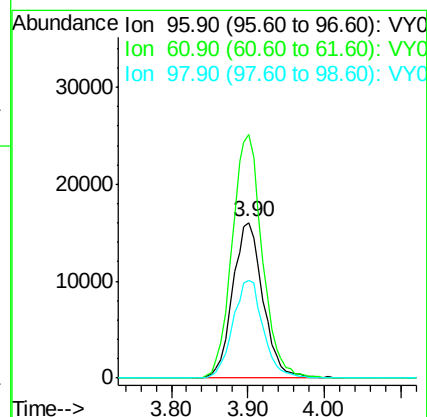
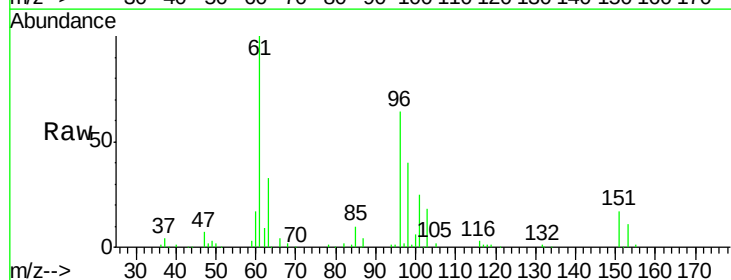
Tgt Ion: 96 Resp: 44098

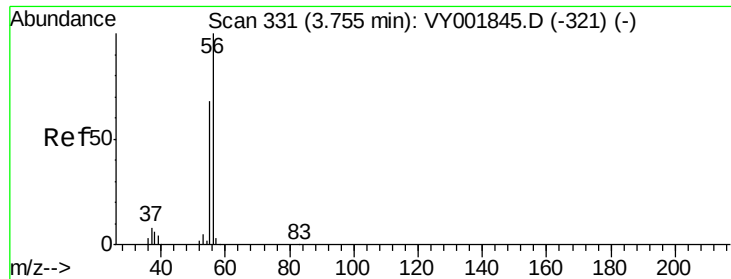
Ion Ratio Lower Upper

96 100

61 156.7 124.8 187.2

98 62.5 49.2 73.8





#13

Acrolein

Concen: 85.81 ug/l

RT: 3.76 min Scan# 332

Delta R.T. 0.01 min

Lab File: VY001954.D

Acq: 12 Mar 2020 11:21

Instrument :

MSVOA_Y

ClientSampleId :

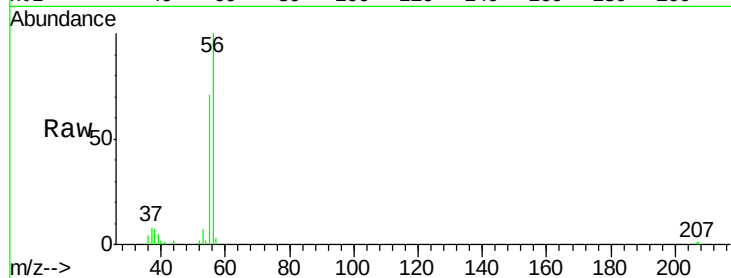
VY0312SBS01

Tgt Ion: 56 Resp: 25004

Ion Ratio Lower Upper

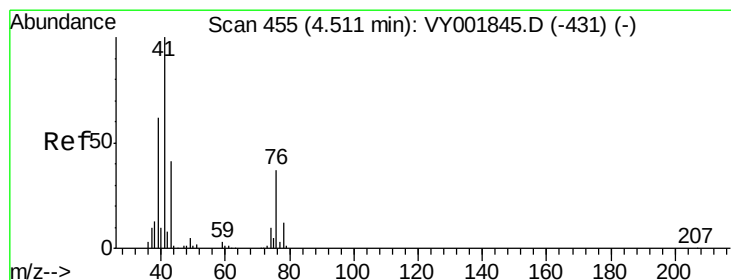
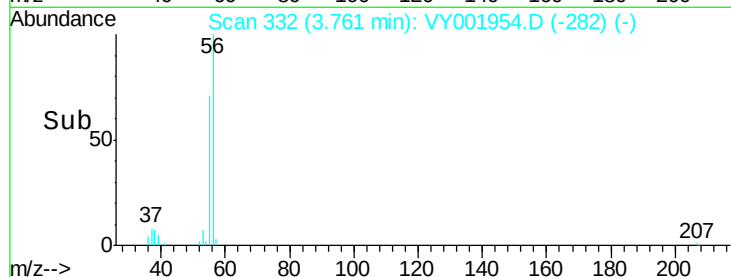
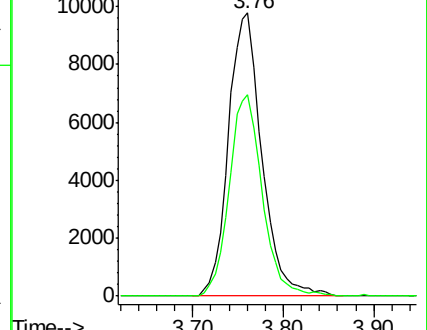
56 100

55 70.4 54.0 81.0



Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 55.00 (54.70 to 55.70): VY0



#14

Allyl chloride

Concen: 19.67 ug/l

RT: 4.51 min Scan# 455

Delta R.T. 0.00 min

Lab File: VY001954.D

Acq: 12 Mar 2020 11:21

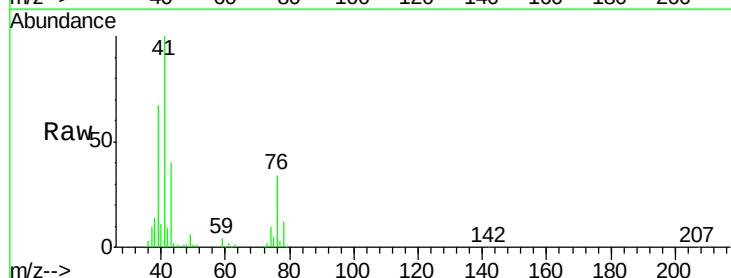
Tgt Ion: 41 Resp: 75329

Ion Ratio Lower Upper

41 100

39 63.6 49.0 73.6

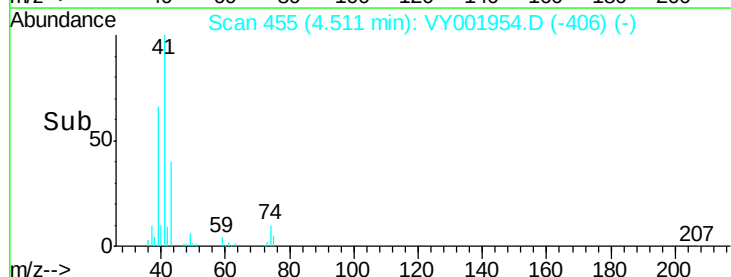
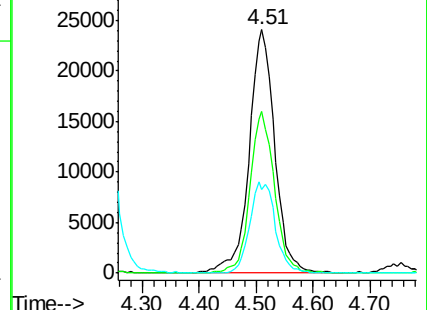
76 37.1 28.9 43.3

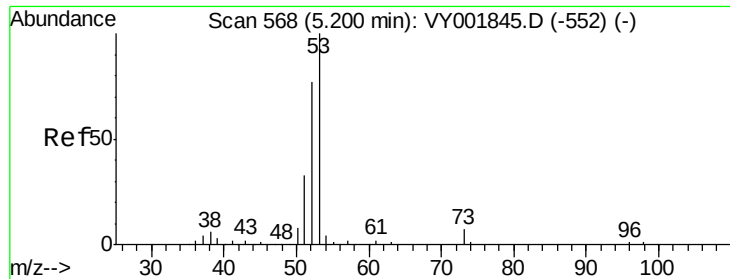


Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 75.90 (75.60 to 76.60): VY0





#15

Acrylonitrile

Concen: 94.89 ug/l

RT: 5.20 min Scan# 568

Delta R.T. 0.00 min

Lab File: VY001954.D

Acq: 12 Mar 2020 11:21

Instrument :

MSVOA_Y

ClientSampleId :

VY0312SBS01

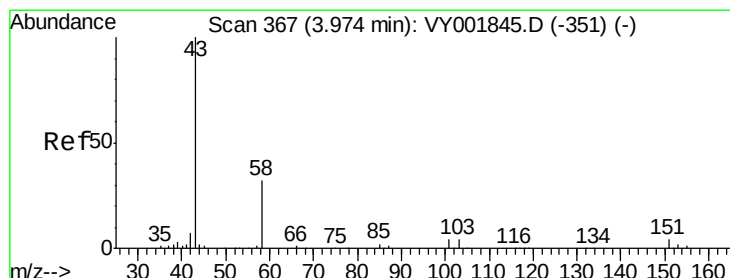
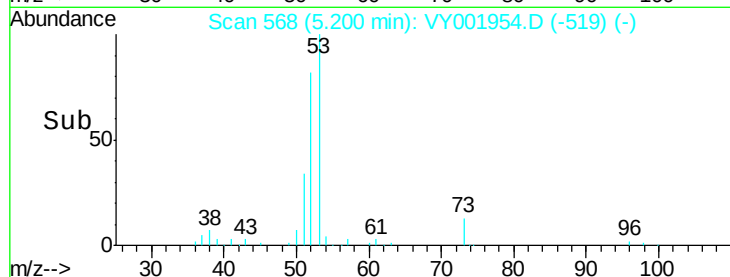
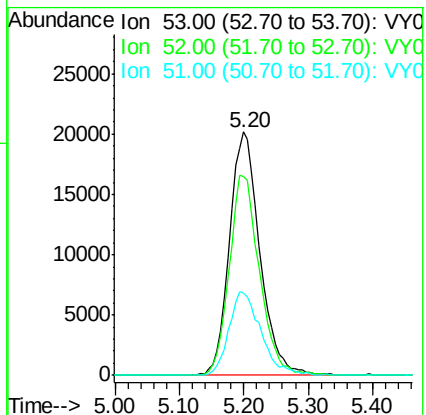
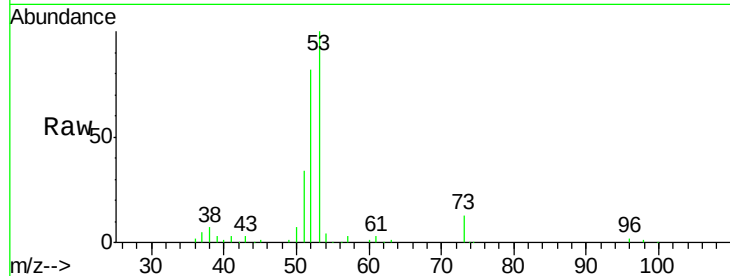
Tgt Ion: 53 Resp: 66644

Ion Ratio Lower Upper

53 100

52 81.6 65.1 97.7

51 35.9 27.5 41.3



#16

Acetone

Concen: 95.80 ug/l

RT: 3.98 min Scan# 368

Delta R.T. 0.01 min

Lab File: VY001954.D

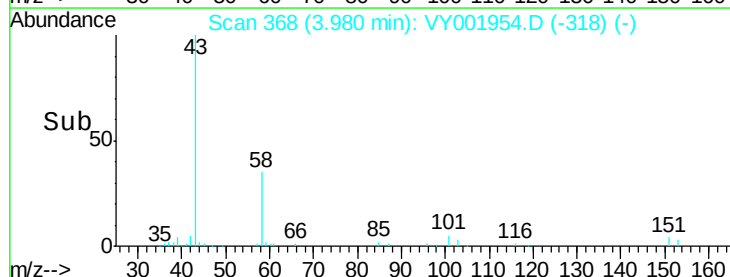
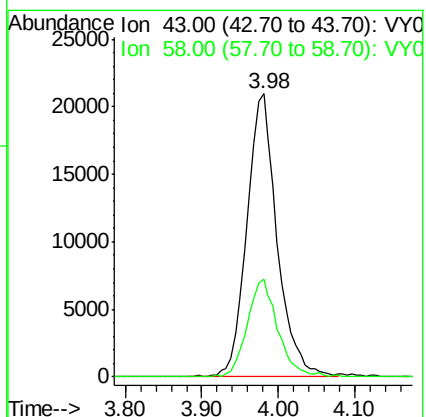
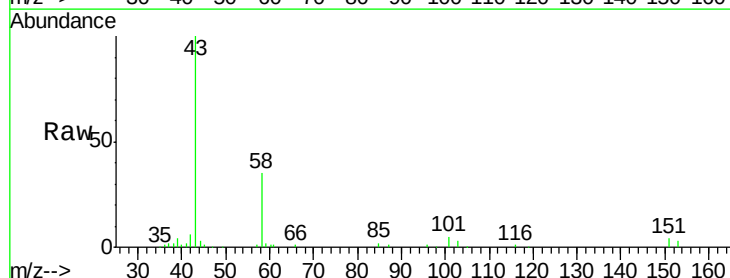
Acq: 12 Mar 2020 11:21

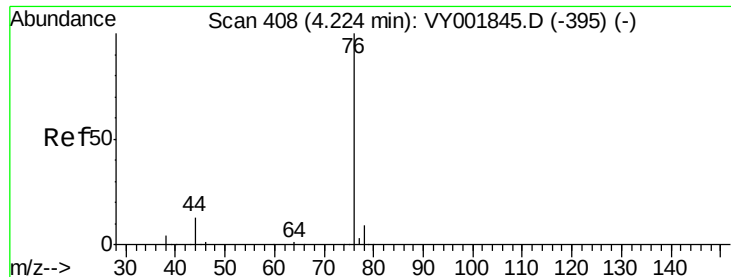
Tgt Ion: 43 Resp: 57859

Ion Ratio Lower Upper

43 100

58 34.6 25.9 38.9

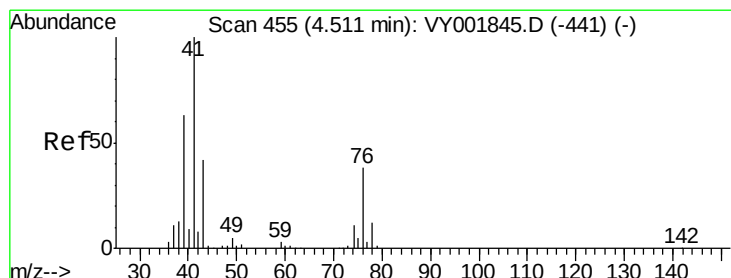
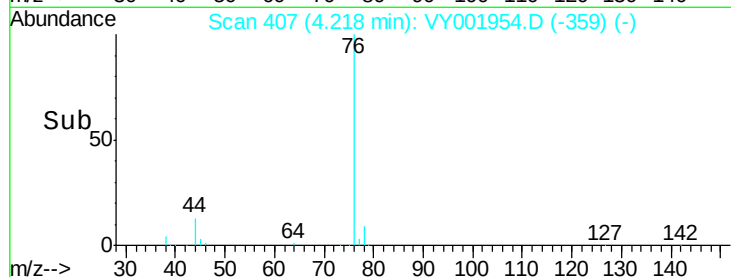
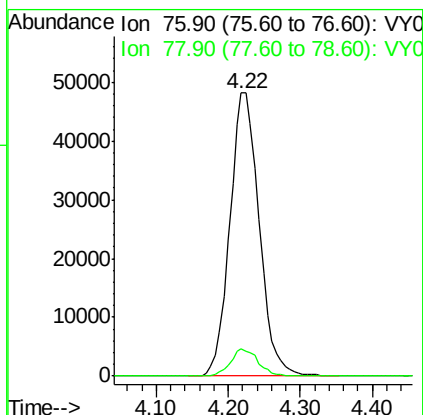
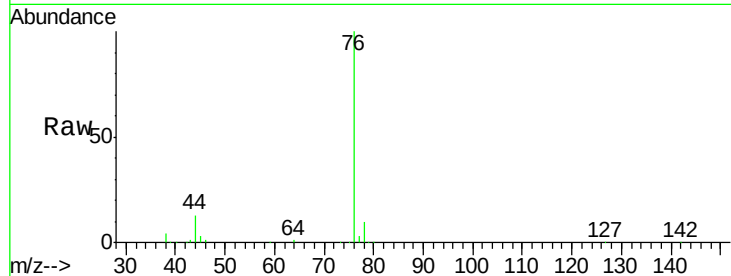




#17
Carbon Disulfide
Concen: 18.78 ug/l
RT: 4.22 min Scan# 407
Delta R.T. -0.01 min
Lab File: VY001954.D
Acq: 12 Mar 2020 11:21

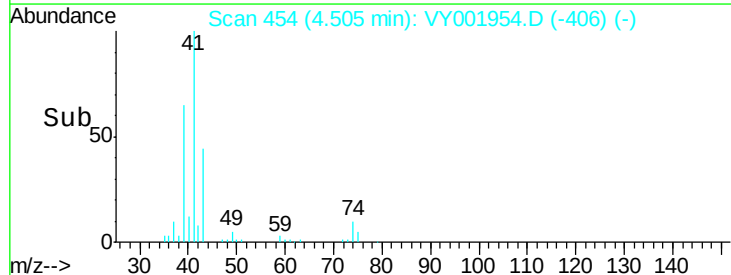
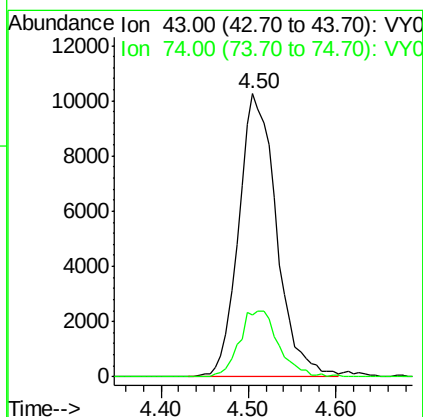
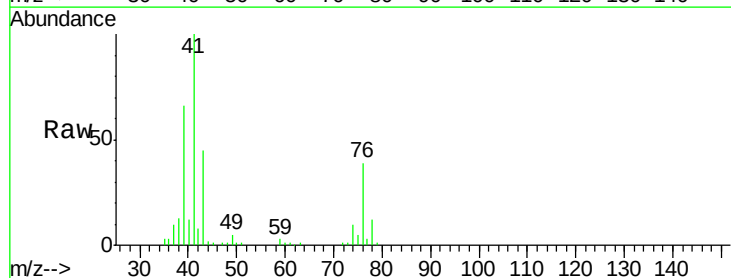
Instrument :
MSVOA_Y
ClientSampleId :
VY0312SBS01

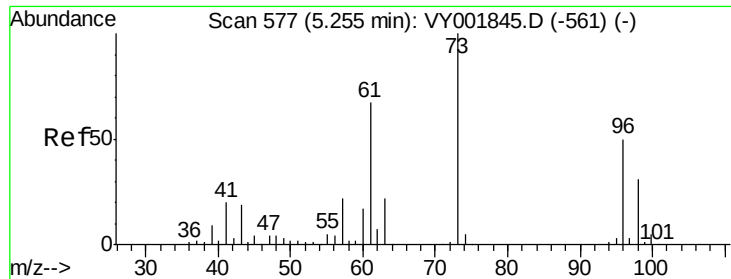
Tgt Ion: 76 Resp: 136310
Ion Ratio Lower Upper
76 100
78 9.6 7.4 11.2



#18
Methyl Acetate
Concen: 19.86 ug/l
RT: 4.50 min Scan# 454
Delta R.T. -0.01 min
Lab File: VY001954.D
Acq: 12 Mar 2020 11:21

Tgt Ion: 43 Resp: 30828
Ion Ratio Lower Upper
43 100
74 24.0 19.0 28.6

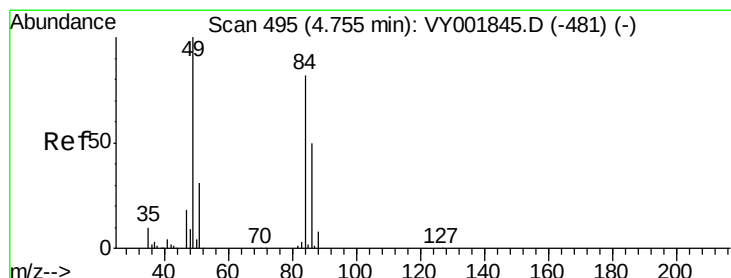
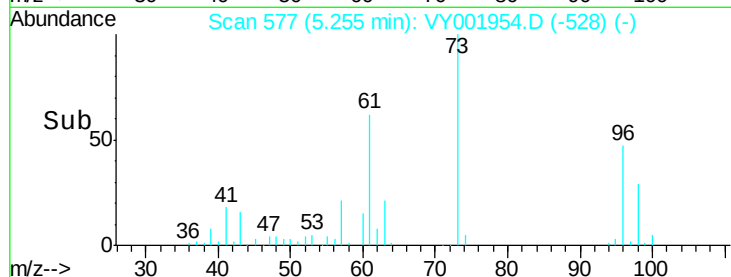
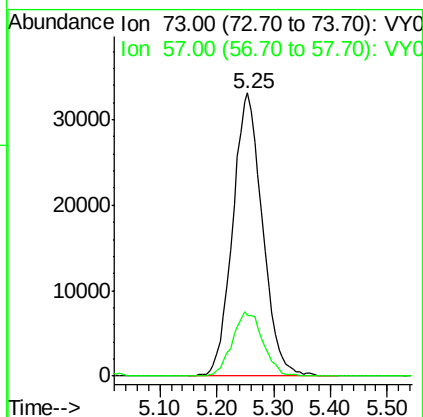
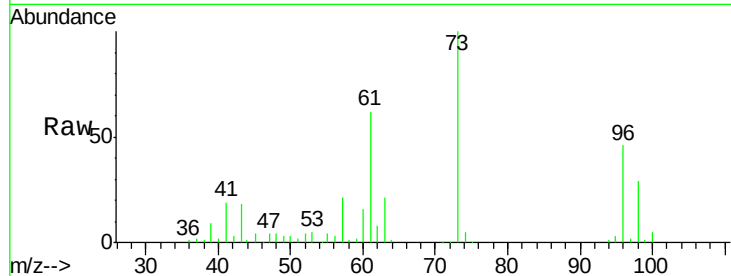




#19
Methyl tert-butyl Ether
Concen: 20.66 ug/l
RT: 5.25 min Scan# 577
Delta R.T. 0.00 min
Lab File: VY001954.D
Acq: 12 Mar 2020 11:21

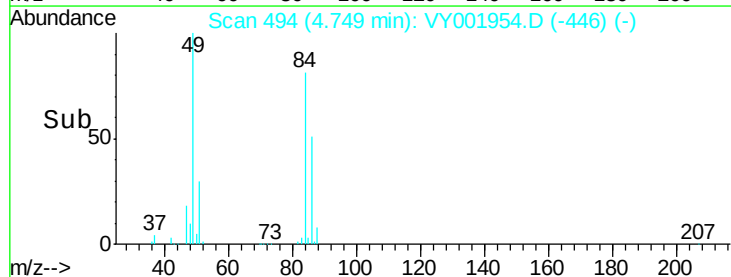
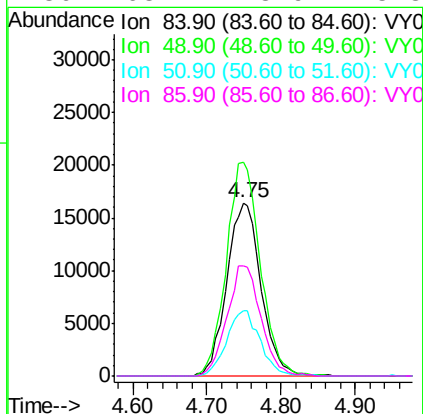
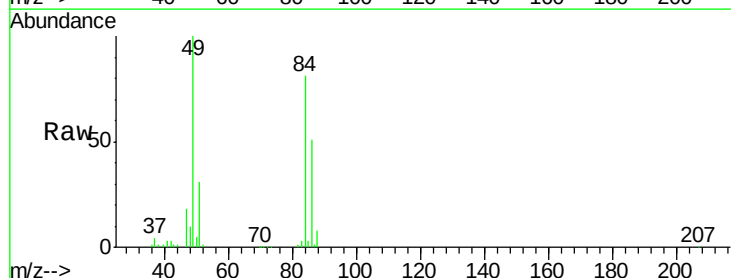
Instrument :
MSVOA_Y
ClientSampleId :
VY0312SBS01

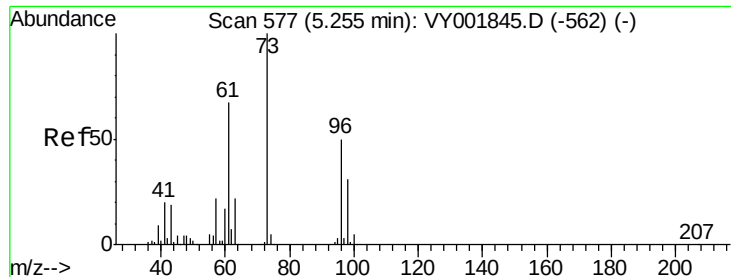
Tgt Ion: 73 Resp: 120906
Ion Ratio Lower Upper
73 100
57 21.2 17.4 26.2



#20
Methylene Chloride
Concen: 20.40 ug/l
RT: 4.75 min Scan# 494
Delta R.T. -0.01 min
Lab File: VY001954.D
Acq: 12 Mar 2020 11:21

Tgt Ion: 84 Resp: 52819
Ion Ratio Lower Upper
84 100
49 123.1 98.2 147.2
51 37.8 30.2 45.2
86 63.2 48.9 73.3





#21

trans-1,2-Dichloroethene

Concen: 19.97 ug/l

RT: 5.25 min Scan# 576

Delta R.T. -0.01 min

Lab File: VY001954.D

Acq: 12 Mar 2020 11:21

Instrument :

MSVOA_Y

ClientSampleId :

VY0312SBS01

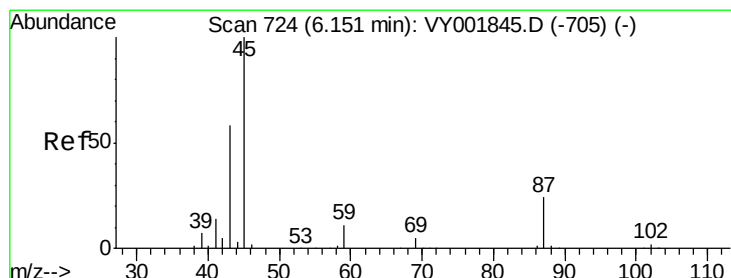
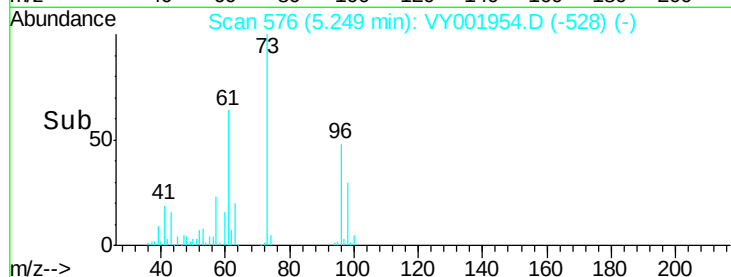
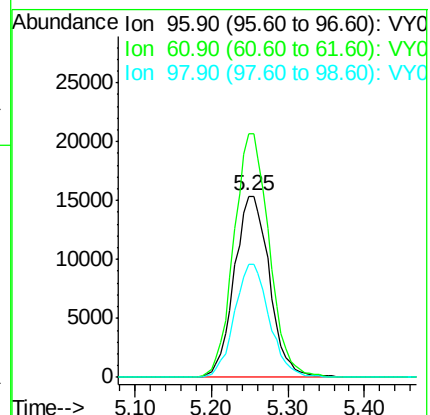
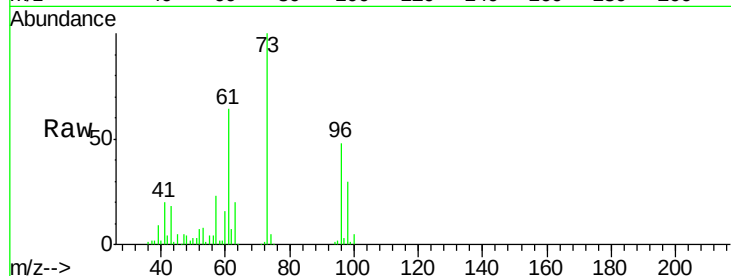
Tgt Ion: 96 Resp: 48949

Ion Ratio Lower Upper

96 100

61 134.6 107.7 161.5

98 62.8 49.3 73.9



#22

Diisopropyl ether

Concen: 19.68 ug/l

RT: 6.15 min Scan# 724

Delta R.T. 0.00 min

Lab File: VY001954.D

Acq: 12 Mar 2020 11:21

Tgt Ion: 45 Resp: 154460

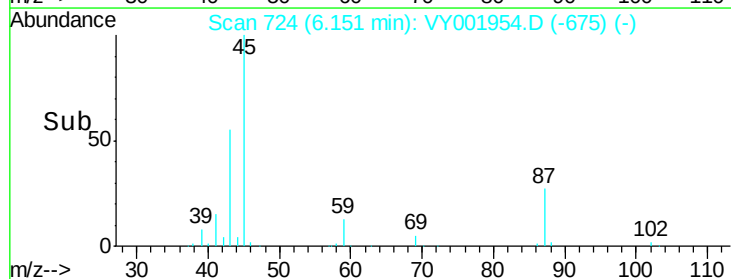
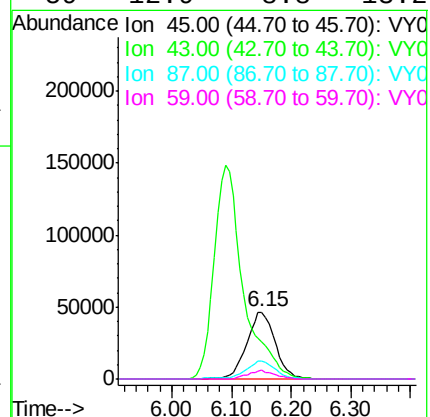
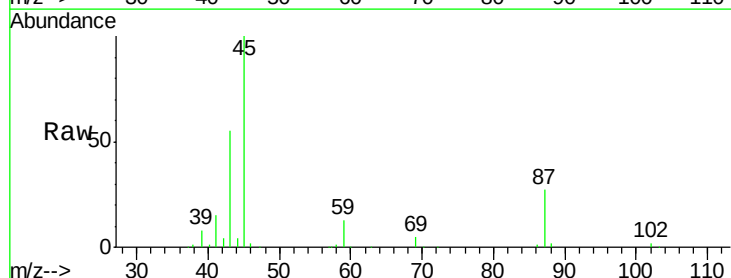
Ion Ratio Lower Upper

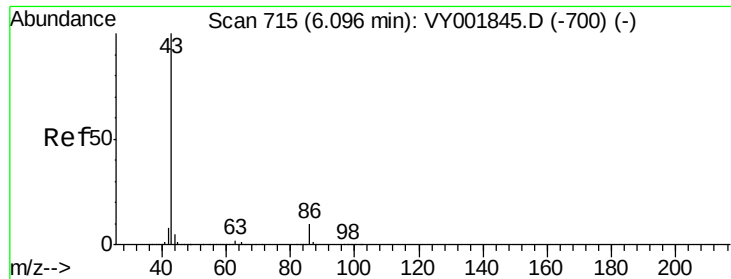
45 100

43 55.1 47.2 70.8

87 26.5 19.8 29.8

59 12.9 8.8 13.2





#23

Vinyl Acetate

Concen: 97.51 ug/l

RT: 6.09 min Scan# 714

Delta R.T. -0.01 min

Lab File: VY001954.D

Acq: 12 Mar 2020 11:21

Instrument :

MSVOA_Y

ClientSampleId :

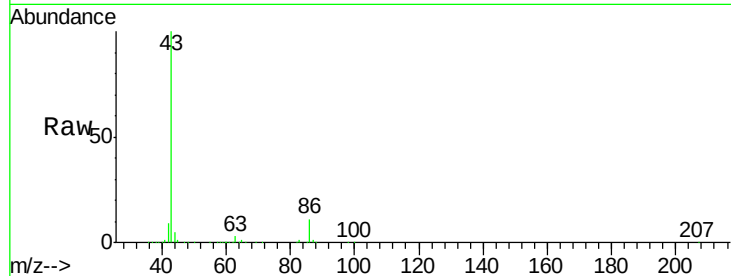
VY0312SBS01

Tgt Ion: 43 Resp: 501680

Ion Ratio Lower Upper

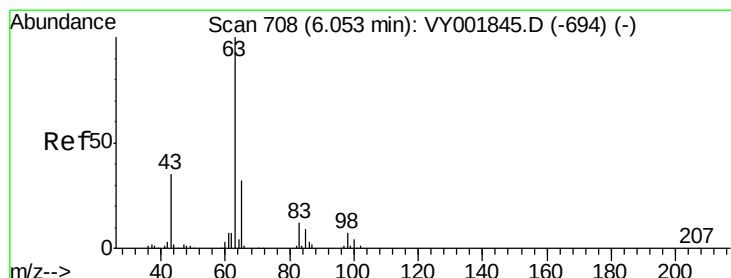
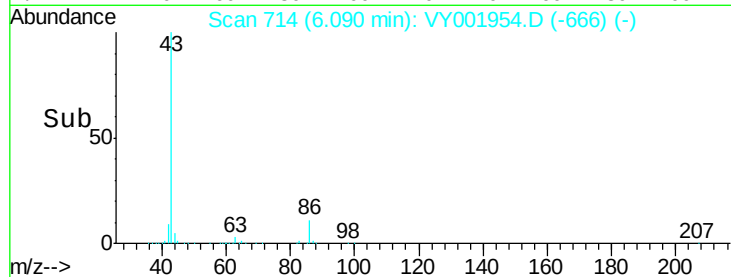
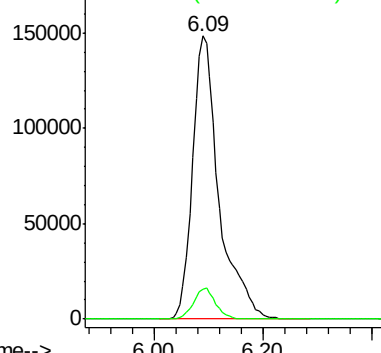
43 100

86 10.8 7.8 11.8



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0



#24

1,1-Dichloroethane

Concen: 20.05 ug/l

RT: 6.05 min Scan# 708

Delta R.T. 0.00 min

Lab File: VY001954.D

Acq: 12 Mar 2020 11:21

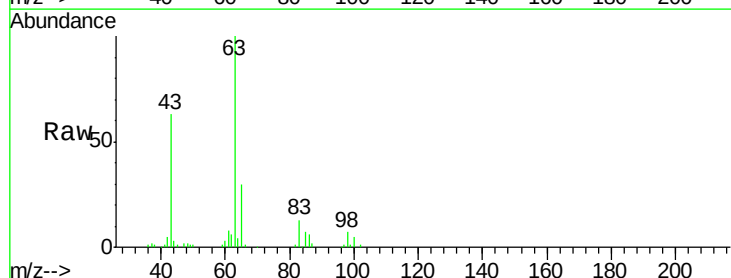
Tgt Ion: 63 Resp: 85233

Ion Ratio Lower Upper

63 100

98 7.1 3.4 10.2

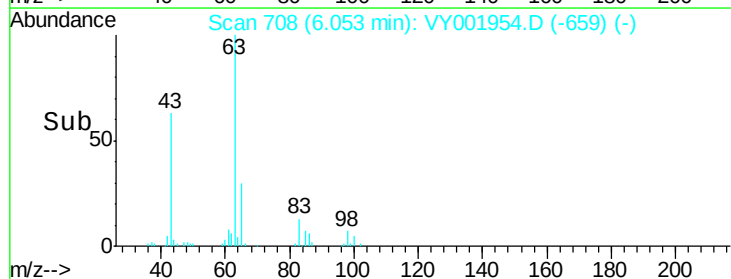
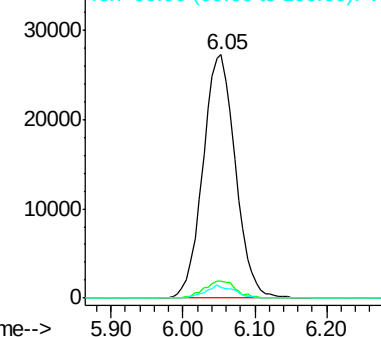
100 4.5 2.0 6.0

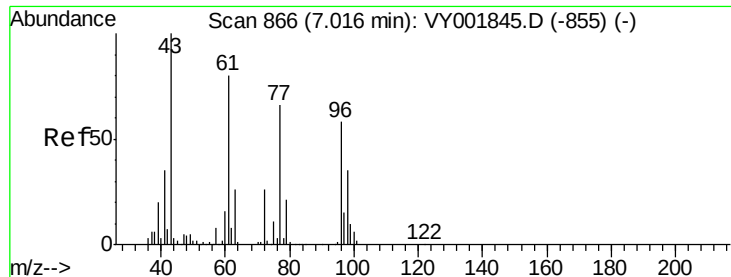


Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0





#25

2-Butanone

Concen: 96.93 ug/l

RT: 7.02 min Scan# 866

Delta R.T. 0.00 min

Lab File: VY001954.D

Acq: 12 Mar 2020 11:21

Instrument :

MSVOA_Y

ClientSampleId :

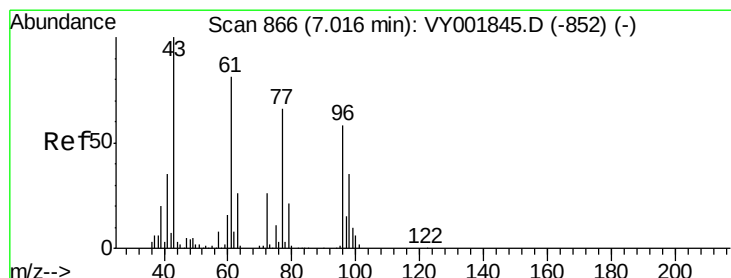
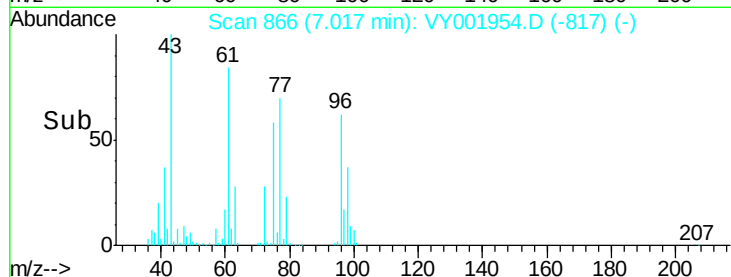
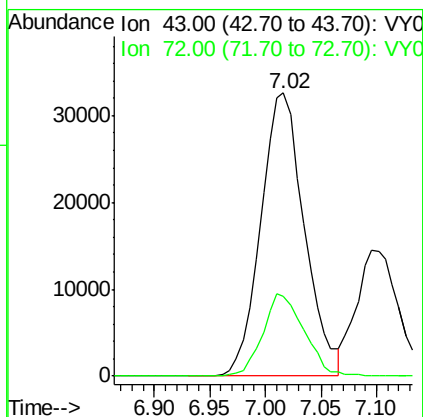
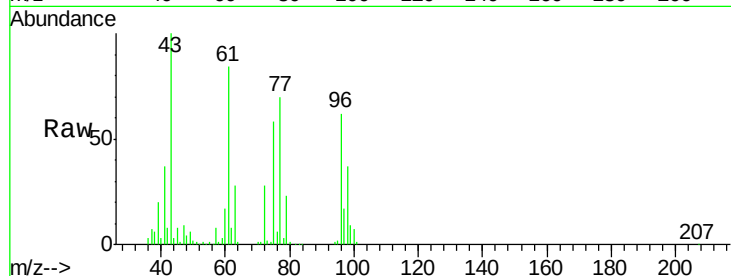
VY0312SBS01

Tgt Ion: 43 Resp: 89031

Ion Ratio Lower Upper

43 100

72 28.2 20.9 31.3



#26

2,2-Dichloropropane

Concen: 21.28 ug/l

RT: 7.01 min Scan# 865

Delta R.T. -0.01 min

Lab File: VY001954.D

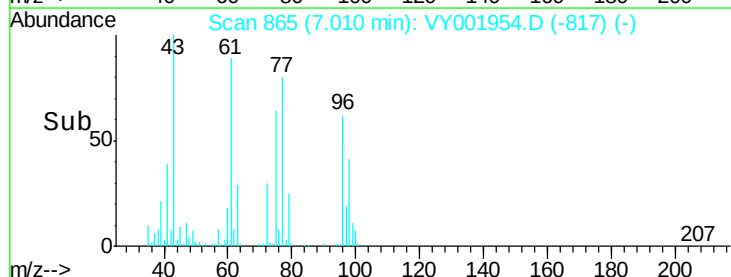
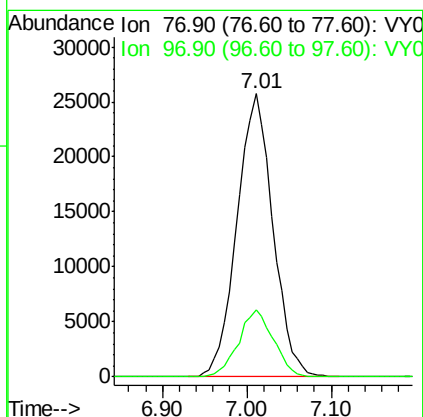
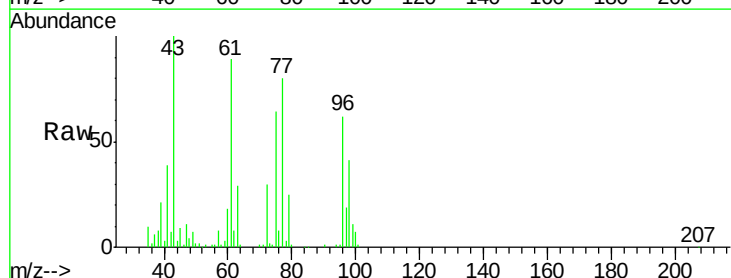
Acq: 12 Mar 2020 11:21

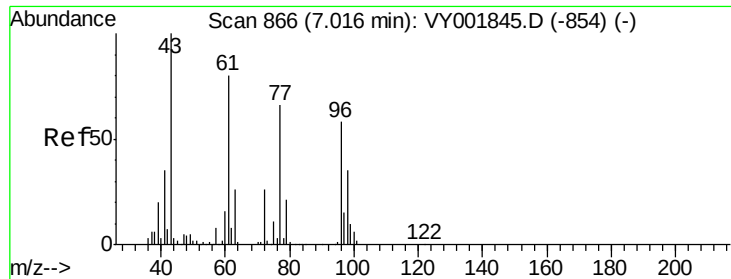
Tgt Ion: 77 Resp: 74213

Ion Ratio Lower Upper

77 100

97 23.1 11.9 35.7



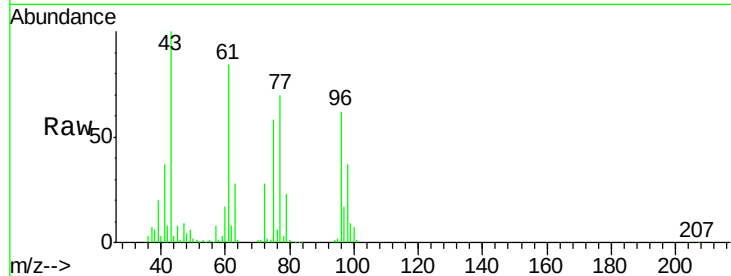


#27

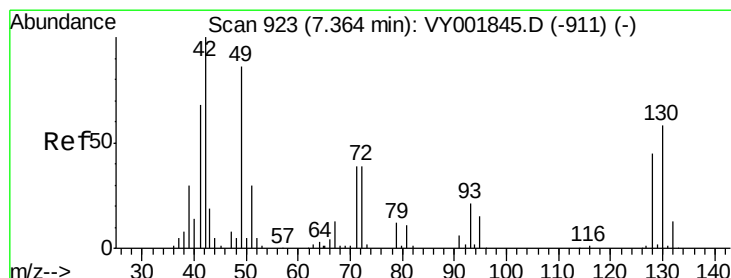
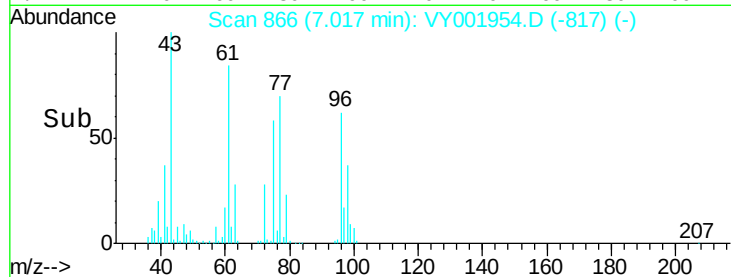
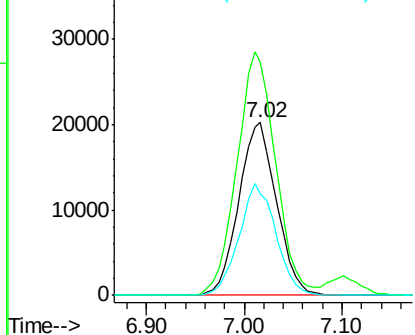
cis-1,2-Dichloroethene
 Concen: 20.40 ug/l
 RT: 7.02 min Scan# 866
 Delta R.T. 0.00 min
 Lab File: VY001954.D
 Acq: 12 Mar 2020 11:21

Instrument :
 MSVOA_Y
 ClientSampled :
 VY0312SBS01

Tgt Ion: 96 Resp: 54383
 Ion Ratio Lower Upper
 96 100
 61 144.1 0.0 288.2
 98 63.1 0.0 129.0



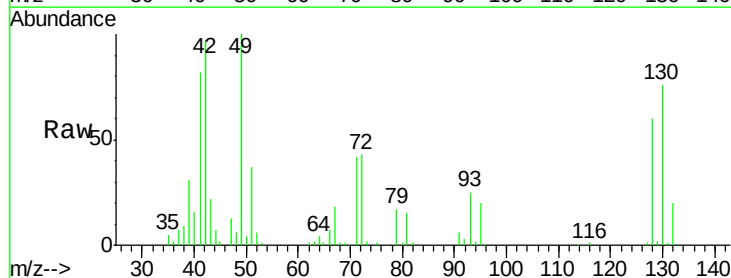
Abundance Ion 95.90 (95.60 to 96.60): VY0
 Ion 60.90 (60.60 to 61.60): VY0
 Ion 97.90 (97.60 to 98.60): VY0



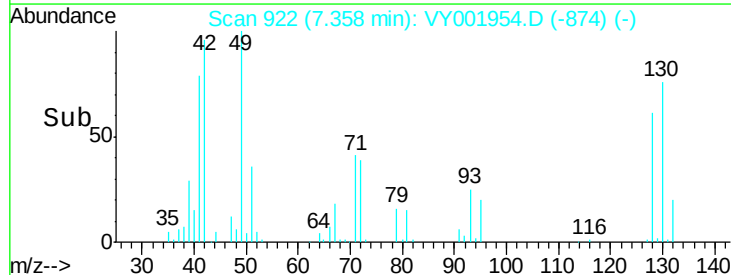
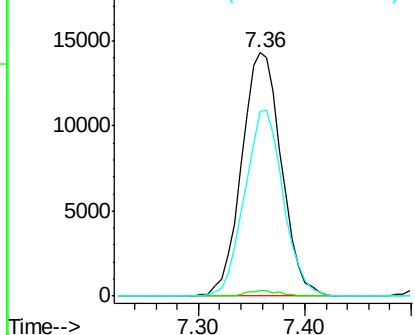
#28

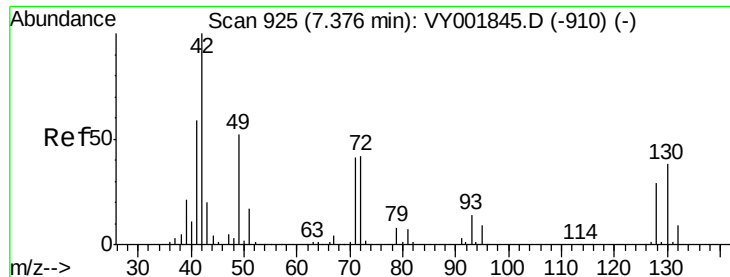
Bromochloromethane
 Concen: 19.55 ug/l
 RT: 7.36 min Scan# 922
 Delta R.T. -0.01 min
 Lab File: VY001954.D
 Acq: 12 Mar 2020 11:21

Tgt Ion: 49 Resp: 37446
 Ion Ratio Lower Upper
 49 100
 129 1.8 0.0 3.8
 130 74.3 54.4 81.6



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

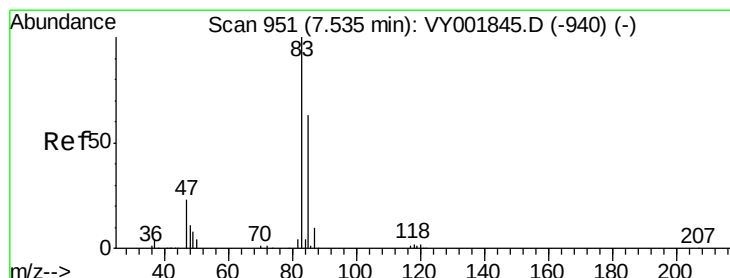
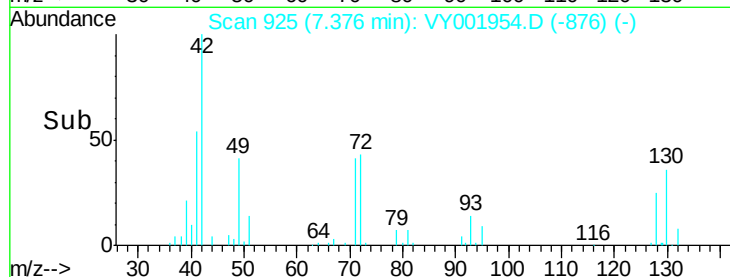
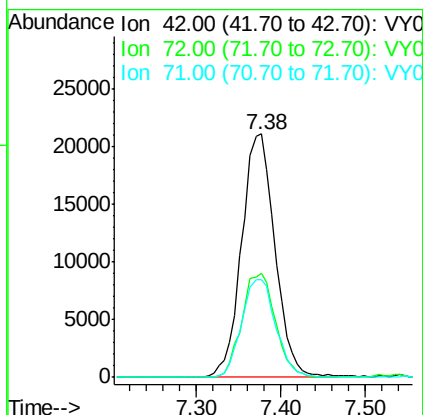
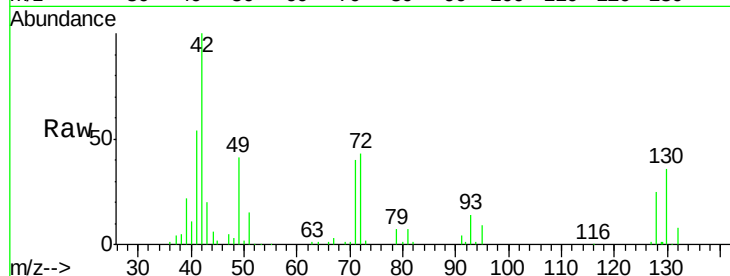




#29
Tetrahydrofuran
Concen: 92.88 ug/l
RT: 7.38 min Scan# 925
Delta R.T. 0.00 min
Lab File: VY001954.D
Acq: 12 Mar 2020 11:21

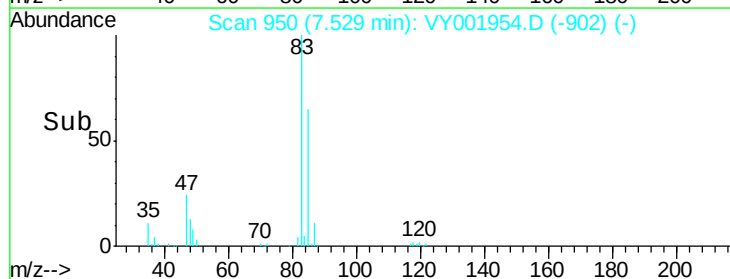
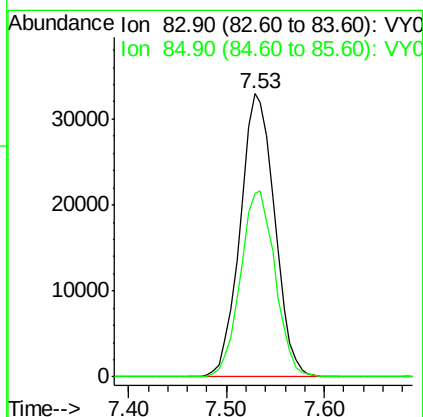
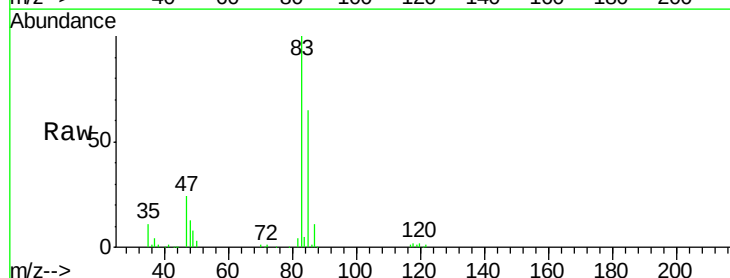
Instrument :
MSVOA_Y
ClientSampleId :
VY0312SBS01

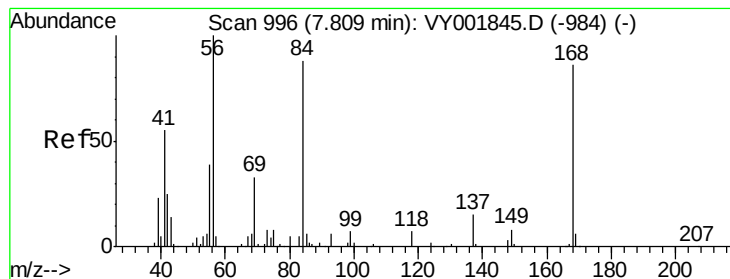
Tgt Ion: 42 Resp: 56654
Ion Ratio Lower Upper
42 100
72 42.7 33.5 50.3
71 40.9 31.3 46.9



#30
Chloroform
Concen: 20.25 ug/l
RT: 7.53 min Scan# 950
Delta R.T. -0.01 min
Lab File: VY001954.D
Acq: 12 Mar 2020 11:21

Tgt Ion: 83 Resp: 80848
Ion Ratio Lower Upper
83 100
85 65.0 50.7 76.1





#31

Cyclohexane

Concen: 18.86 ug/l

RT: 7.81 min Scan# 996

Delta R.T. 0.00 min

Lab File: VY001954.D

Acq: 12 Mar 2020 11:21

Instrument :

MSVOA_Y

ClientSampleId :

VY0312SBS01

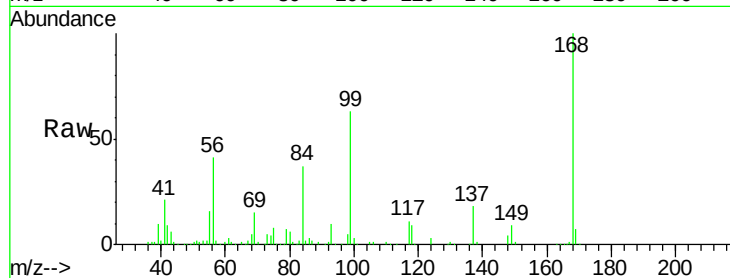
Tgt Ion: 56 Resp: 85952

Ion Ratio Lower Upper

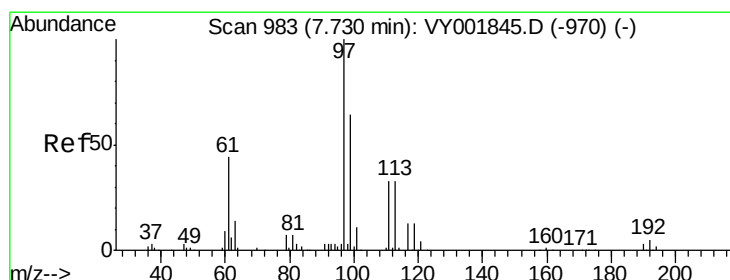
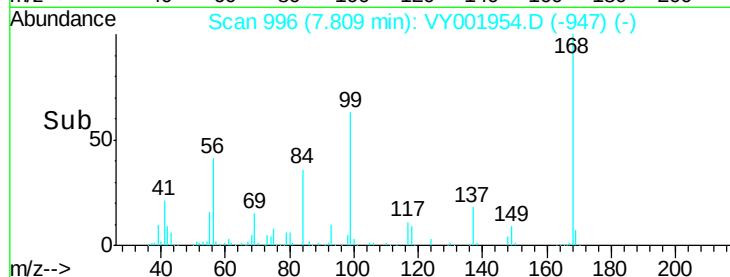
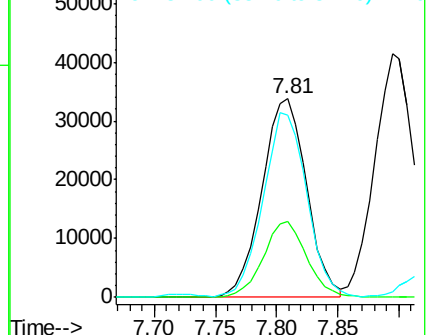
56 100

69 38.1 26.7 40.1

84 90.6 70.4 105.6



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: 20.36 ug/l

RT: 7.72 min Scan# 982

Delta R.T. -0.01 min

Lab File: VY001954.D

Acq: 12 Mar 2020 11:21

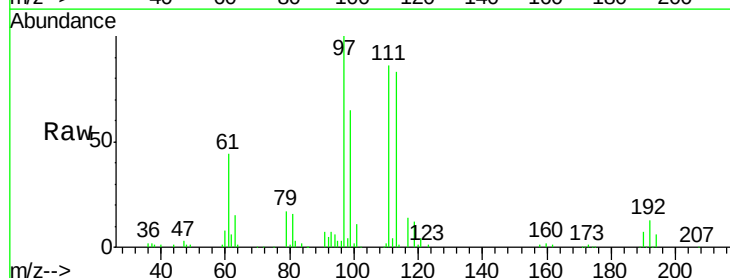
Tgt Ion: 97 Resp: 68522

Ion Ratio Lower Upper

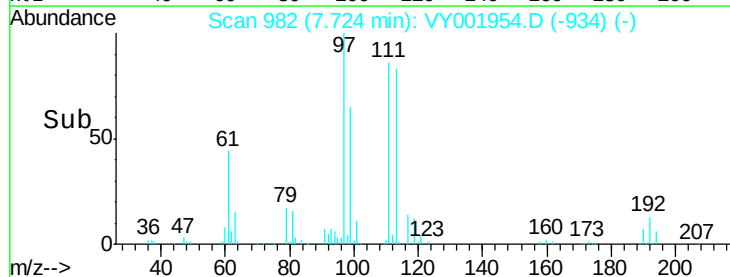
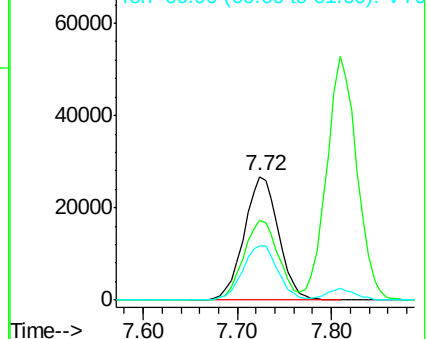
97 100

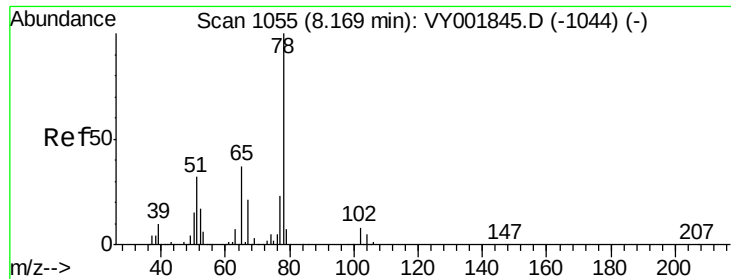
99 65.7 52.0 78.0

61 45.1 35.0 52.4



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

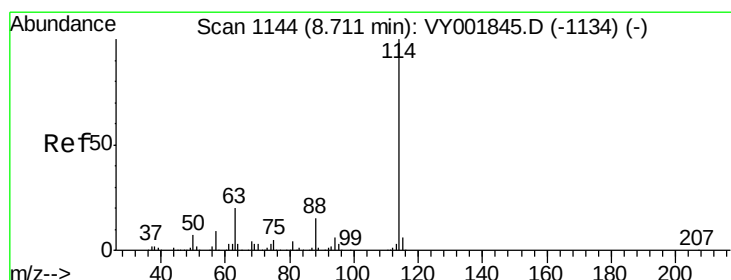
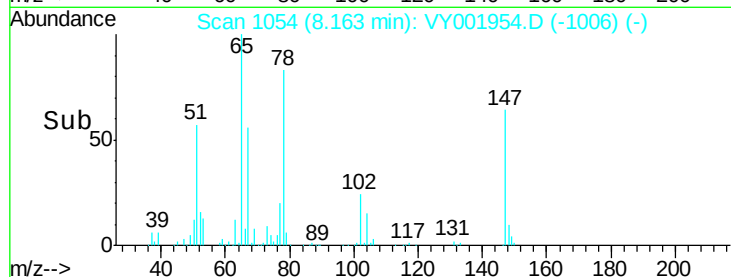
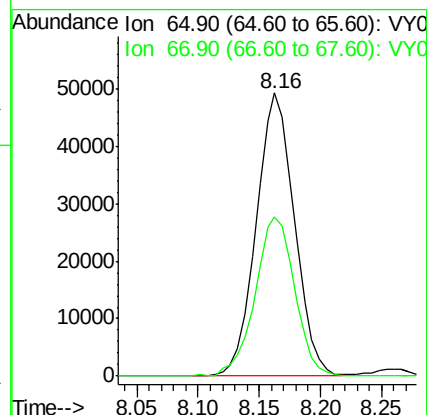
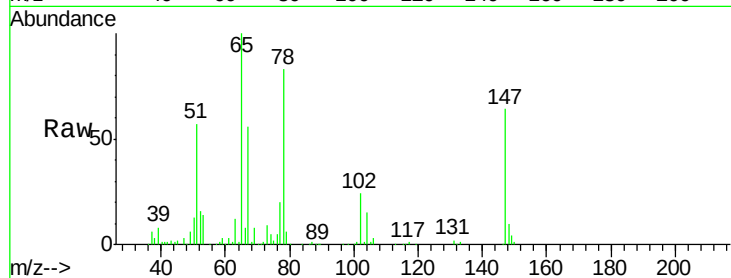




#33
 1,2-Dichloroethane-d4
 Concen: 51.62 ug/l
 RT: 8.16 min Scan# 1054
 Delta R.T. -0.01 min
 Lab File: VY001954.D
 Acq: 12 Mar 2020 11:21

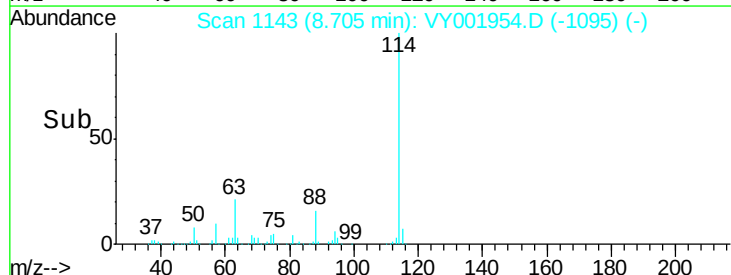
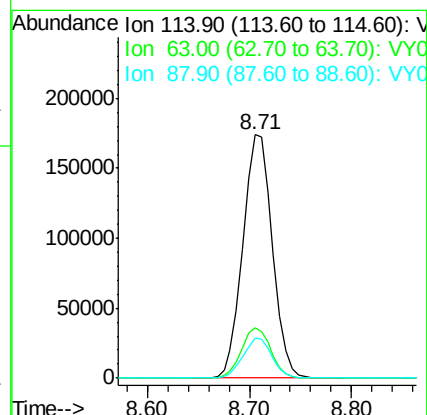
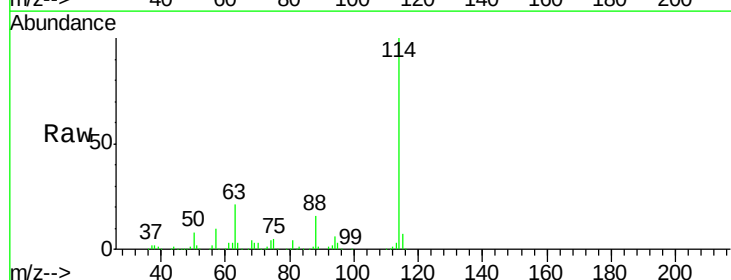
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0312SBS01

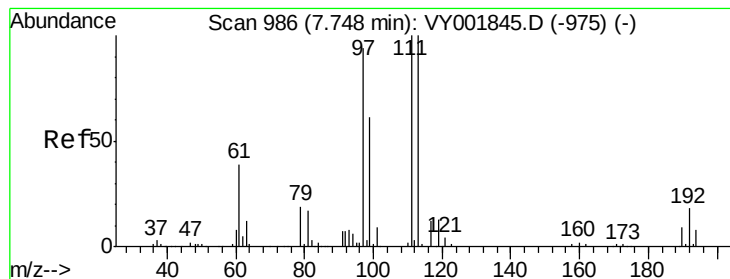
Tgt Ion: 65 Resp: 107041
 Ion Ratio Lower Upper
 65 100
 67 58.1 0.0 110.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.71 min Scan# 1143
 Delta R.T. -0.01 min
 Lab File: VY001954.D
 Acq: 12 Mar 2020 11:21

Tgt Ion: 114 Resp: 349274
 Ion Ratio Lower Upper
 114 100
 63 20.8 0.0 39.4
 88 16.2 0.0 30.4





#35

Dibromofluoromethane

Concen: 52.95 ug/l

RT: 7.74 min Scan# 985

Delta R.T. -0.01 min

Lab File: VY001954.D

Acq: 12 Mar 2020 11:21

Instrument :

MSVOA_Y

ClientSampled :

VY0312SBS01

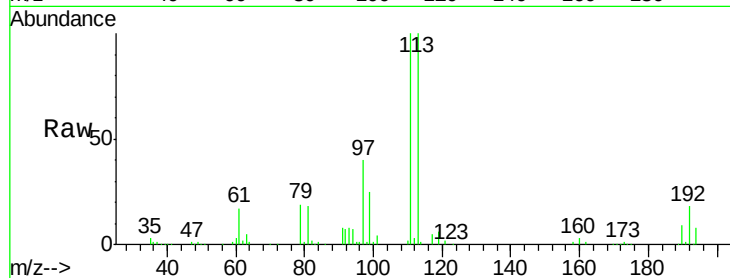
Tgt Ion:113 Resp: 100989

Ion Ratio Lower Upper

113 100

111 102.2 81.8 122.8

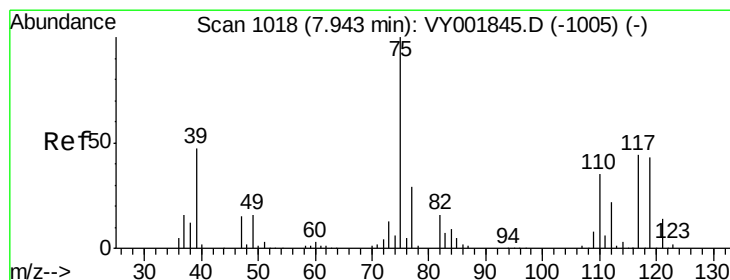
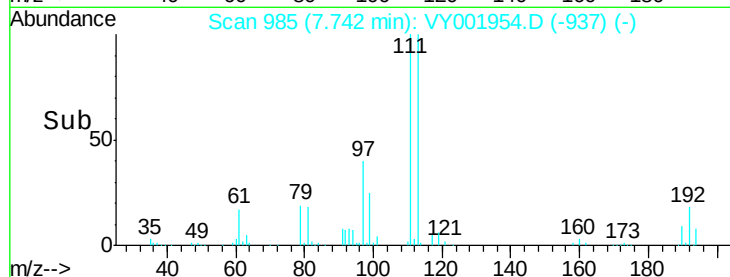
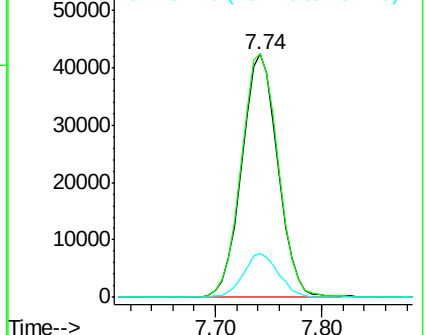
192 17.7 14.2 21.2



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: 20.03 ug/l

RT: 7.94 min Scan# 1017

Delta R.T. -0.01 min

Lab File: VY001954.D

Acq: 12 Mar 2020 11:21

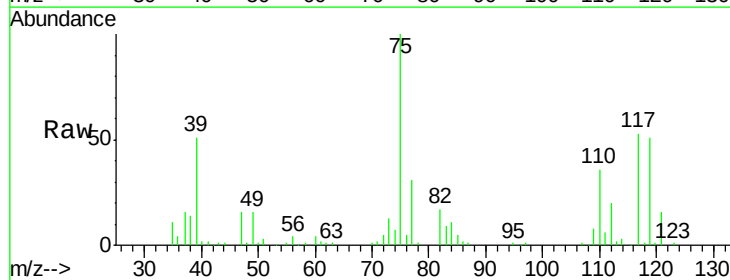
Tgt Ion: 75 Resp: 67308

Ion Ratio Lower Upper

75 100

110 35.2 17.4 52.2

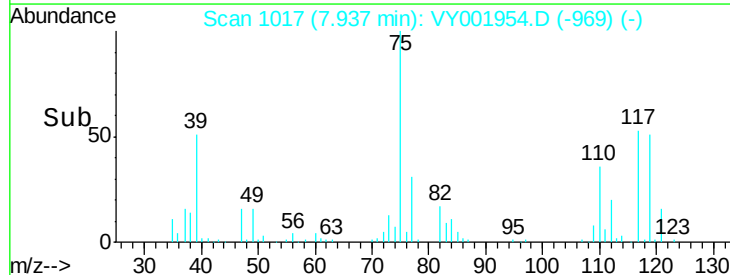
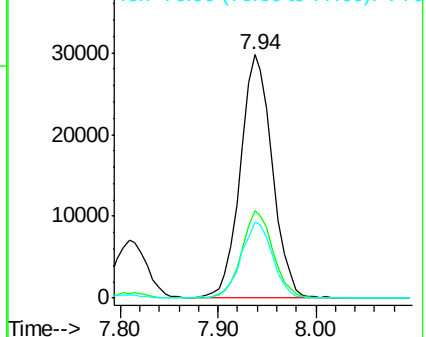
77 31.2 24.2 36.2

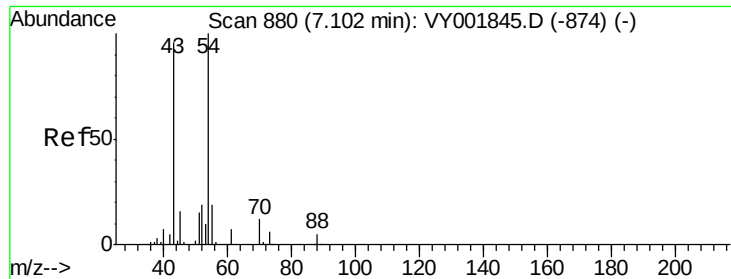


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VY0

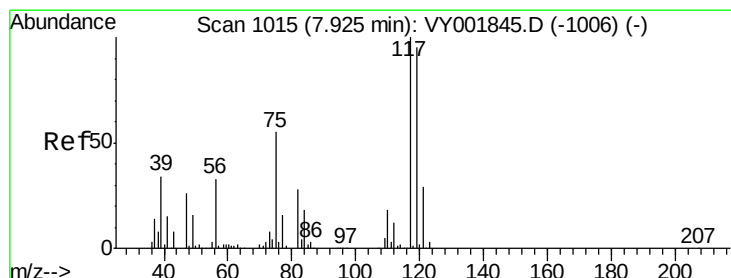
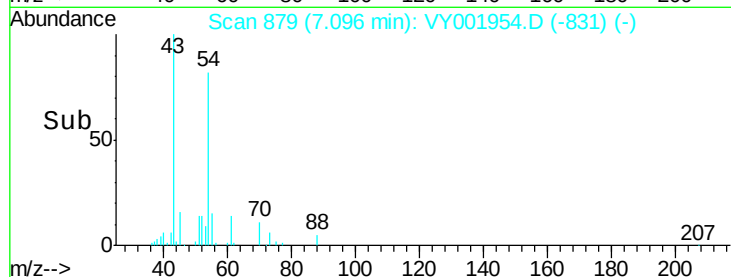
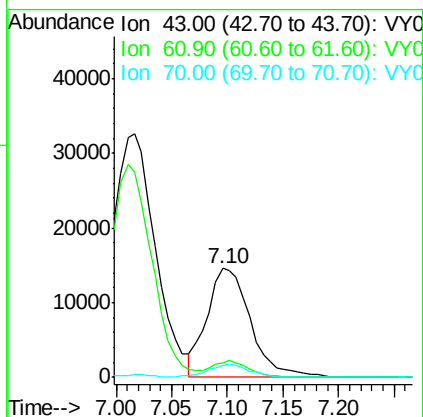
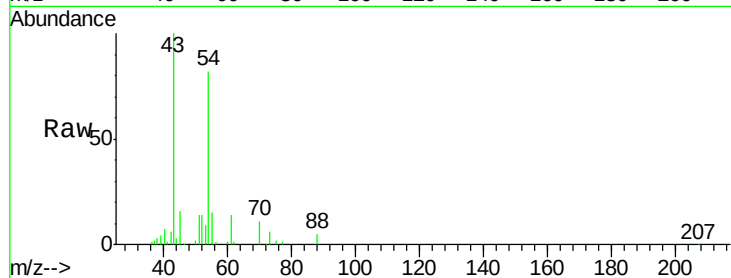




#37
Ethyl Acetate
Concen: 20.07 ug/l
RT: 7.10 min Scan# 879
Delta R.T. -0.01 min
Lab File: VY001954.D
Acq: 12 Mar 2020 11:21

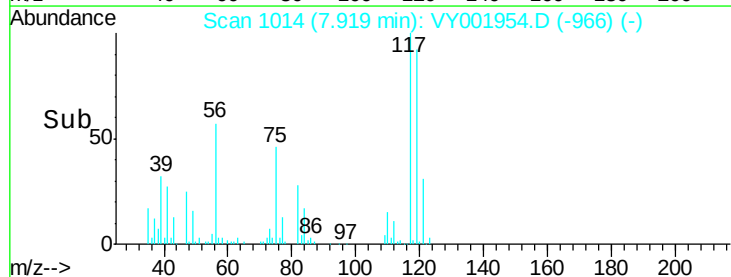
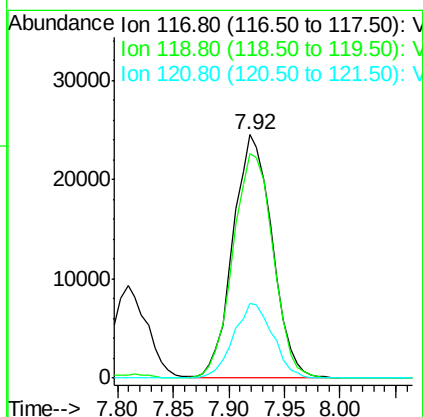
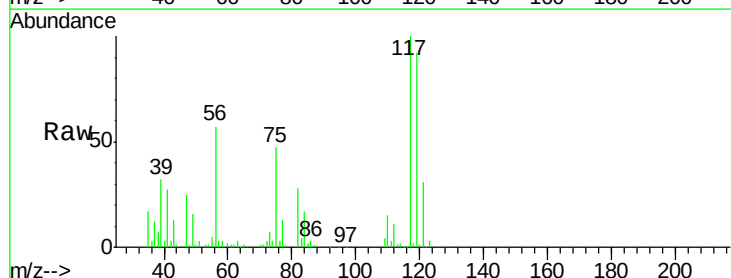
Instrument :
MSVOA_Y
ClientSampleId :
VY0312SBS01

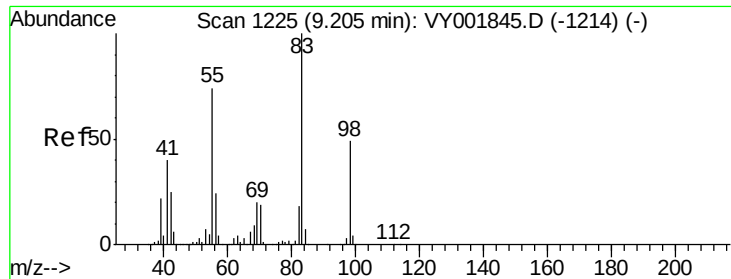
Tgt Ion: 43 Resp: 39203
Ion Ratio Lower Upper
43 100
61 13.8 11.1 16.7
70 11.5 8.2 12.4



#38
Carbon Tetrachloride
Concen: 20.91 ug/l
RT: 7.92 min Scan# 1014
Delta R.T. -0.01 min
Lab File: VY001954.D
Acq: 12 Mar 2020 11:21

Tgt Ion: 117 Resp: 60037
Ion Ratio Lower Upper
117 100
119 92.1 76.3 114.5
121 30.7 23.5 35.3

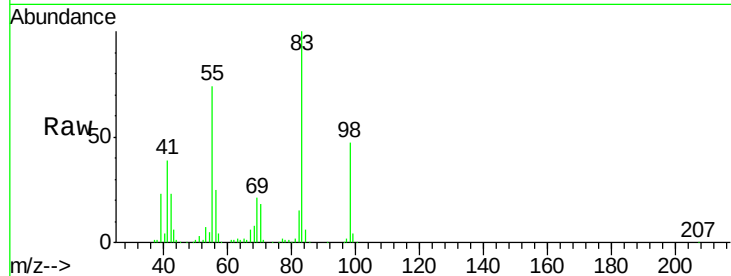




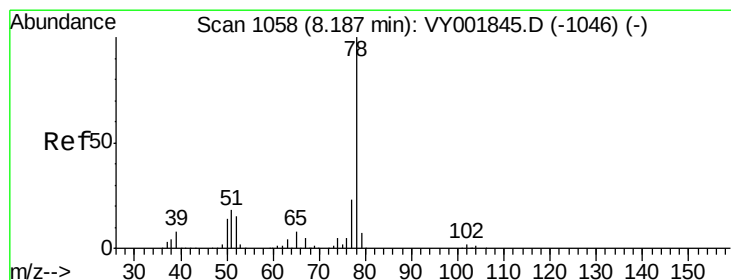
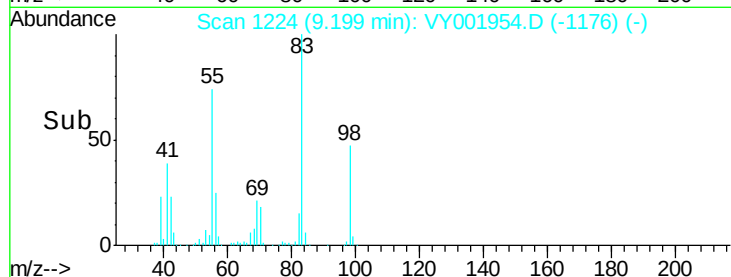
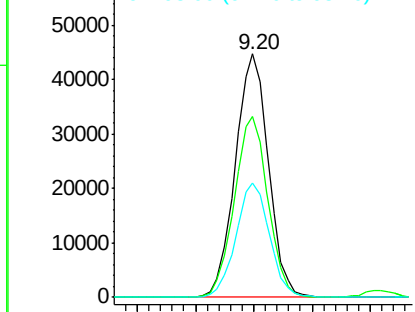
#39
Methylcyclohexane
Concen: 19.87 ug/l
RT: 9.20 min Scan# 1224
Delta R.T. -0.01 min
Lab File: VY001954.D
Acq: 12 Mar 2020 11:21

Instrument :
MSVOA_Y
ClientSampleId :
VY0312SBS01

Tgt Ion: 83 Resp: 88586
Ion Ratio Lower Upper
83 100
55 74.2 59.4 89.0
98 47.0 38.9 58.3

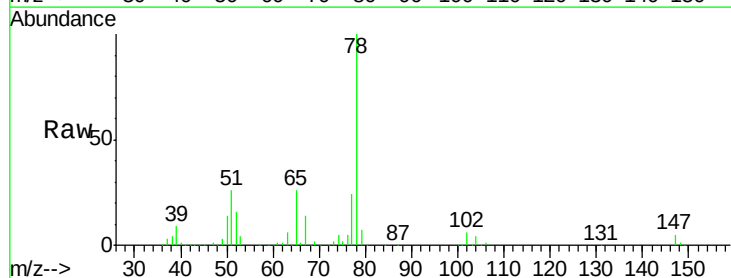


Abundance Ion 83.00 (82.70 to 83.70): VY0
Ion 55.00 (54.70 to 55.70): VY0
Ion 98.00 (97.70 to 98.70): VY0

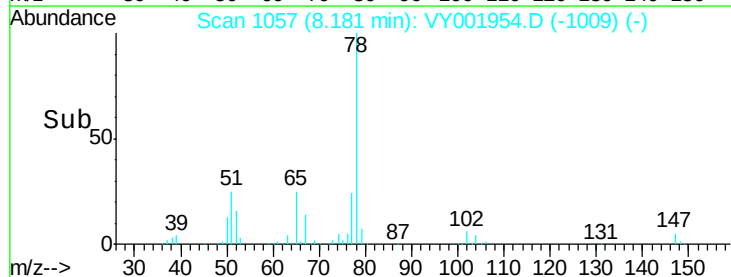
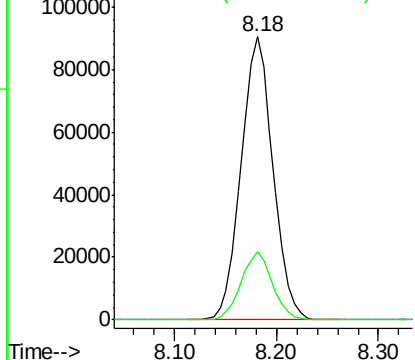


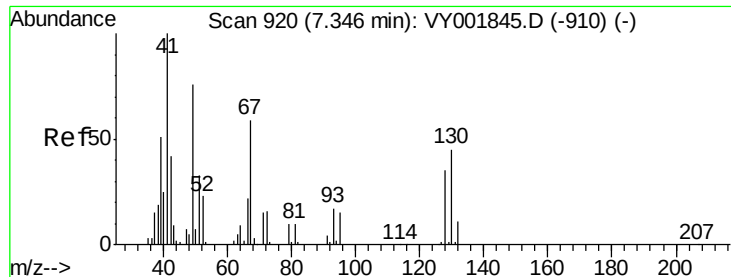
#40
Benzene
Concen: 19.67 ug/l
RT: 8.18 min Scan# 1057
Delta R.T. -0.01 min
Lab File: VY001954.D
Acq: 12 Mar 2020 11:21

Tgt Ion: 78 Resp: 195926
Ion Ratio Lower Upper
78 100
77 24.1 18.7 28.1



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

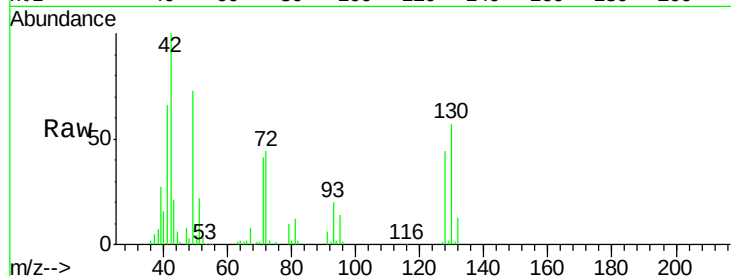




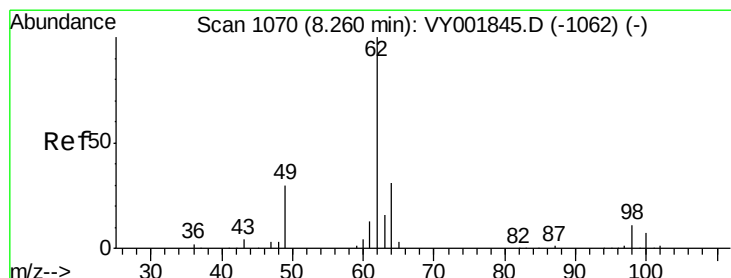
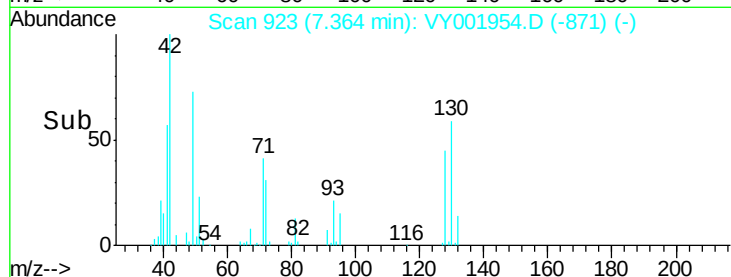
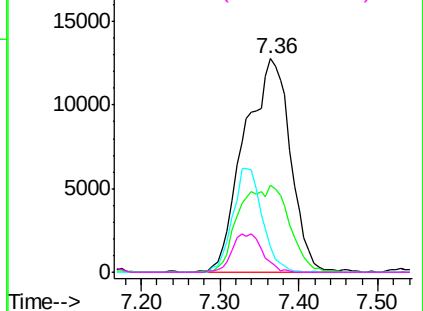
#41
Methacrylonitrile
Concen: 58.92 ug/l
RT: 7.36 min Scan# 923
Delta R.T. 0.02 min
Lab File: VY001954.D
Acq: 12 Mar 2020 11:21

Instrument :
MSVOA_Y
ClientSampleId :
VY0312SBS01

Tgt Ion: 41 Resp: 51798
Ion Ratio Lower Upper
41 100
39 44.4 111.7 167.5#
67 0.0 0.0 0.0
52 0.0 0.0 0.0

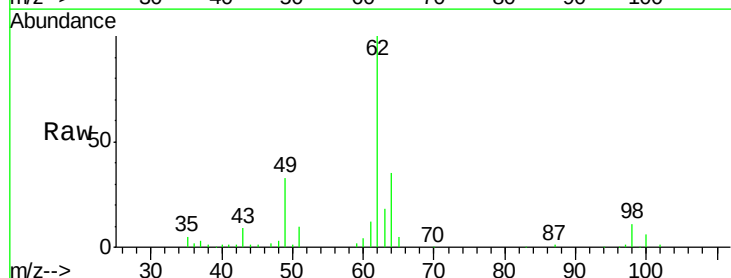


Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 39.00 (38.70 to 39.70): VY0
Ion 67.00 (66.70 to 67.70): VY0
Ion 52.00 (51.70 to 52.70): VY0

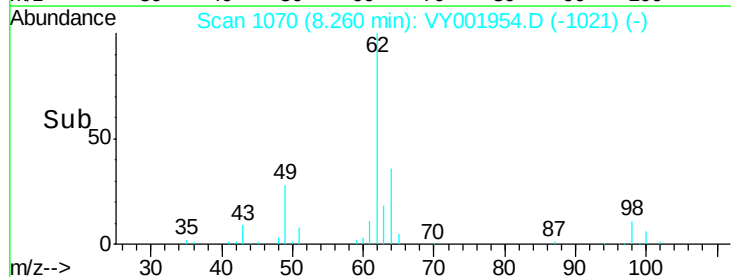
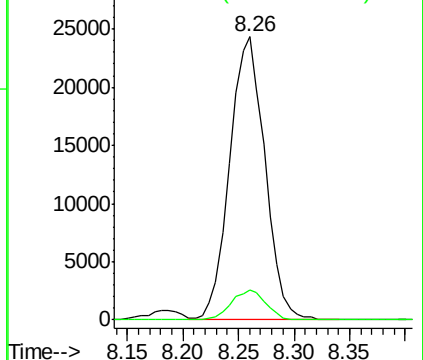


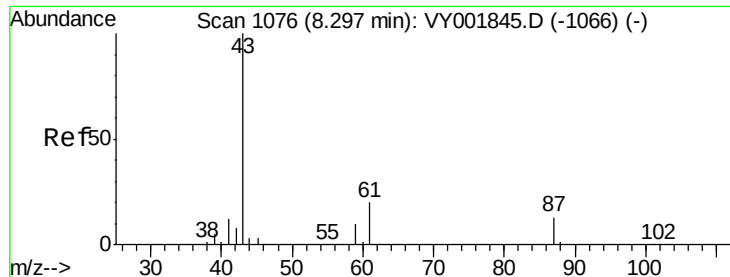
#42
1,2-Dichloroethane
Concen: 20.80 ug/l
RT: 8.26 min Scan# 1070
Delta R.T. 0.00 min
Lab File: VY001954.D
Acq: 12 Mar 2020 11:21

Tgt Ion: 62 Resp: 53399
Ion Ratio Lower Upper
62 100
98 10.2 0.0 21.4



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

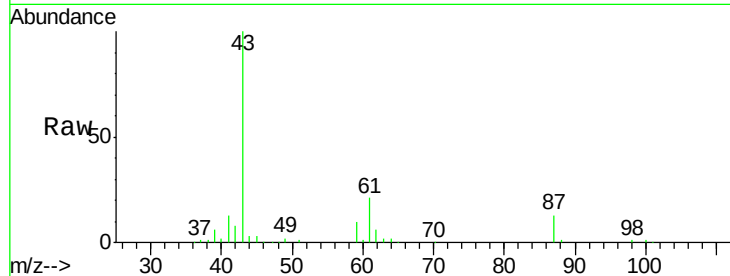




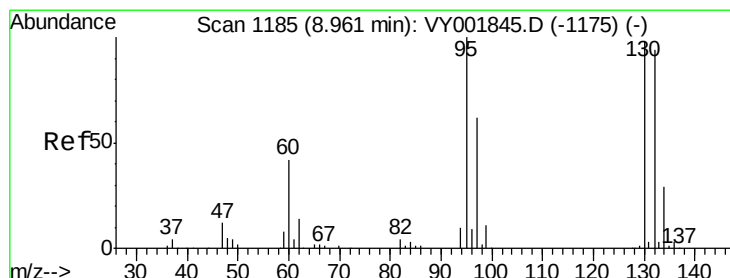
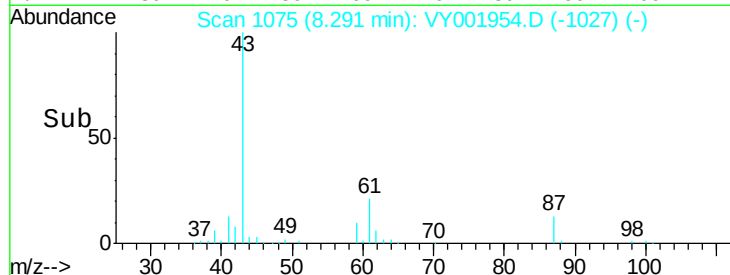
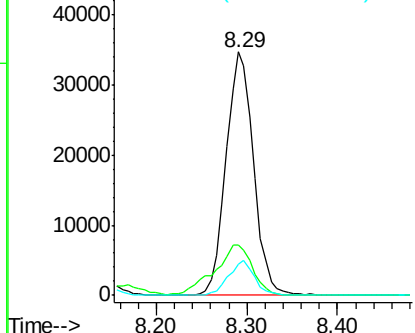
#43
Isopropyl Acetate
Concen: 19.73 ug/l
RT: 8.29 min Scan# 1075
Delta R.T. -0.01 min
Lab File: VY001954.D
Acq: 12 Mar 2020 11:21

Instrument :
MSVOA_Y
ClientSampleId :
VY0312SBS01

Tgt Ion: 43 Resp: 72961
Ion Ratio Lower Upper
43 100
61 28.9 23.8 35.6
87 13.3 10.9 16.3

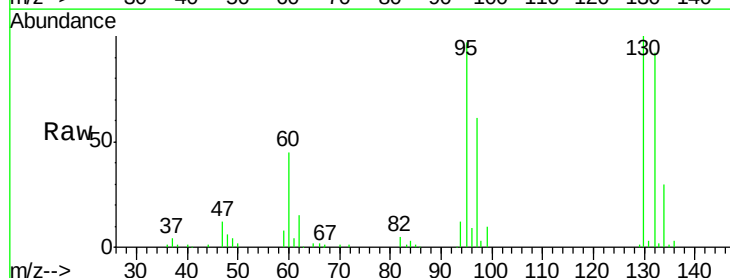


Abundance Ion 43.00 (42.70 to 43.70): VY0
Ion 61.00 (60.70 to 61.70): VY0
Ion 87.00 (86.70 to 87.70): VY0

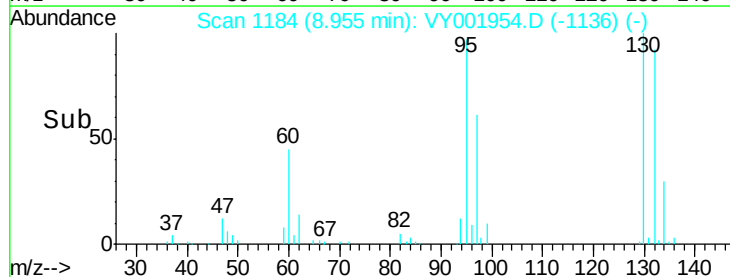
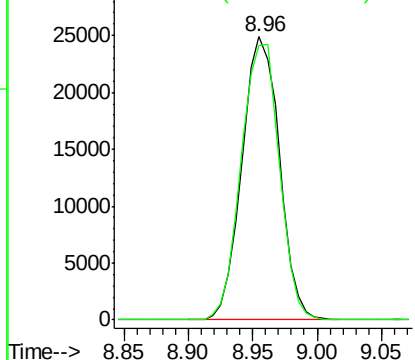


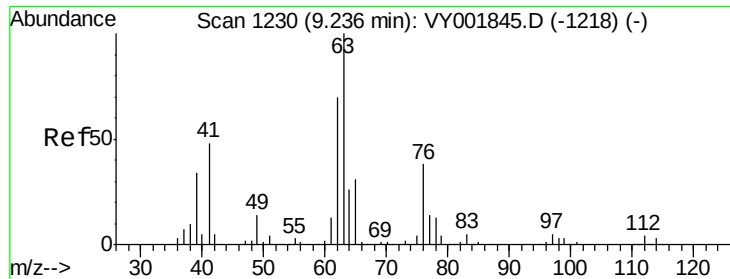
#44
Trichloroethene
Concen: 20.63 ug/l
RT: 8.96 min Scan# 1184
Delta R.T. -0.01 min
Lab File: VY001954.D
Acq: 12 Mar 2020 11:21

Tgt Ion: 130 Resp: 50063
Ion Ratio Lower Upper
130 100
95 97.0 0.0 204.6



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

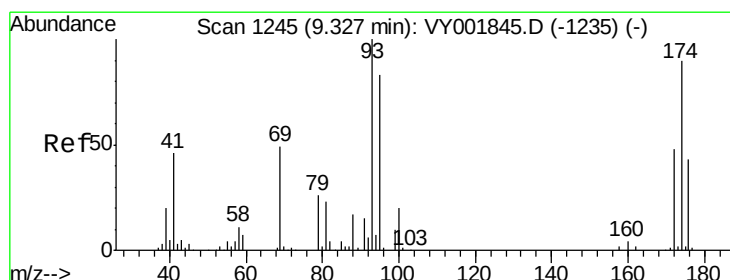
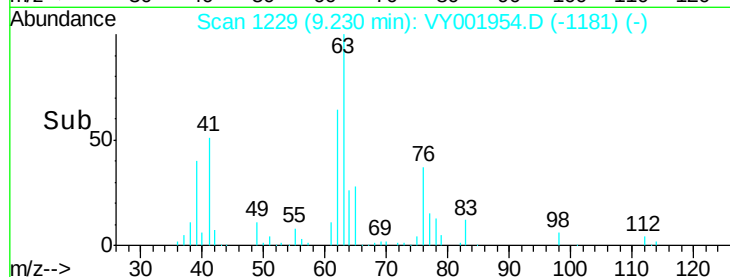
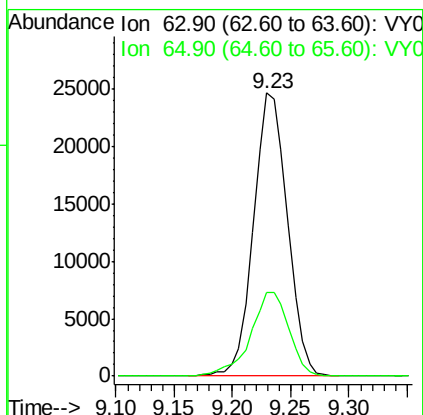
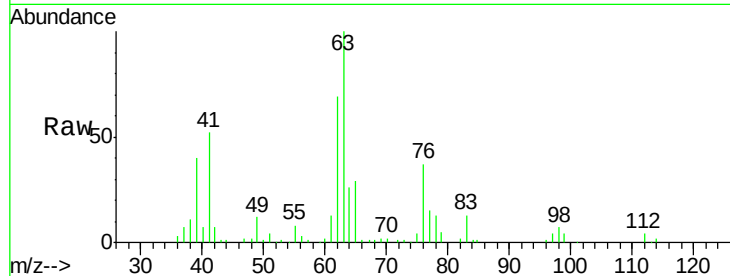




#45
 1,2-Dichloropropane
 Concen: 19.87 ug/l
 RT: 9.23 min Scan# 1229
 Delta R.T. -0.01 min
 Lab File: VY001954.D
 Acq: 12 Mar 2020 11:21

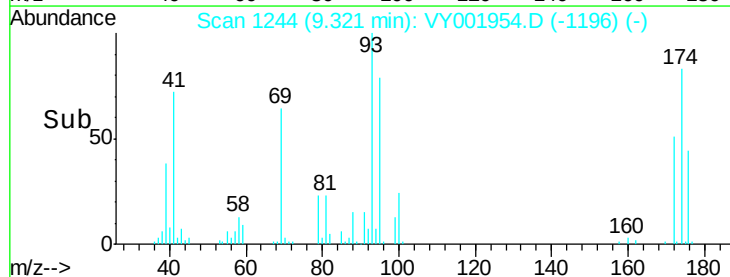
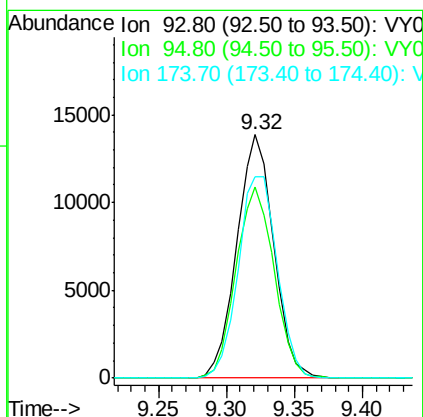
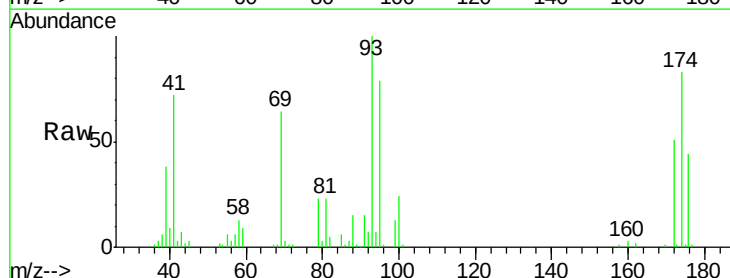
Instrument :
 MSVOA_Y
 ClientSampled :
 VY0312SBS01

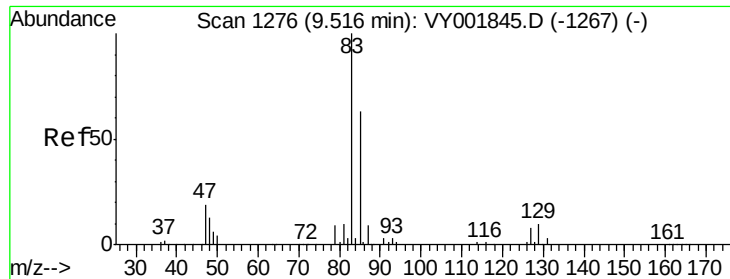
Tgt Ion: 63 Resp: 49765
 Ion Ratio Lower Upper
 63 100
 65 29.5 24.9 37.3



#46
 Dibromomethane
 Concen: 20.38 ug/l
 RT: 9.32 min Scan# 1244
 Delta R.T. -0.01 min
 Lab File: VY001954.D
 Acq: 12 Mar 2020 11:21

Tgt Ion: 93 Resp: 26307
 Ion Ratio Lower Upper
 93 100
 95 80.8 67.0 100.4
 174 87.9 71.8 107.8





#47

Bromodichloromethane

Concen: 20.86 ug/l

RT: 9.51 min Scan# 1275

Delta R.T. -0.01 min

Lab File: VY001954.D

Acq: 12 Mar 2020 11:21

Instrument :

MSVOA_Y

ClientSampleId :

VY0312SBS01

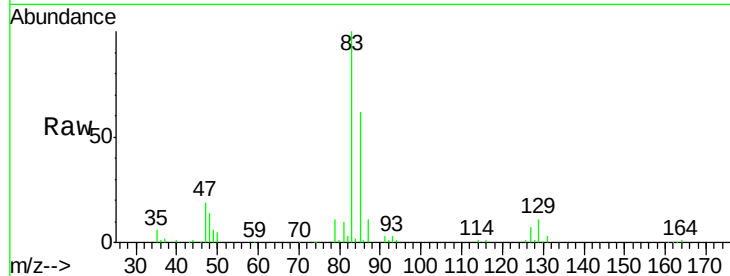
Tgt Ion: 83 Resp: 62611

Ion Ratio Lower Upper

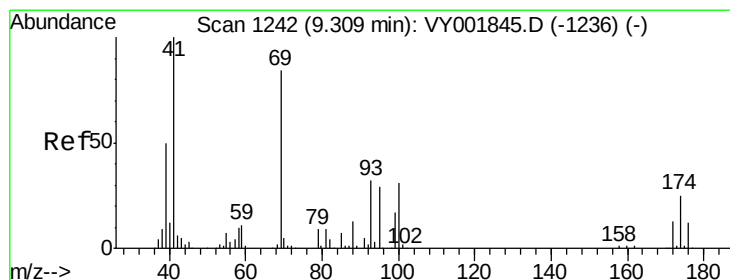
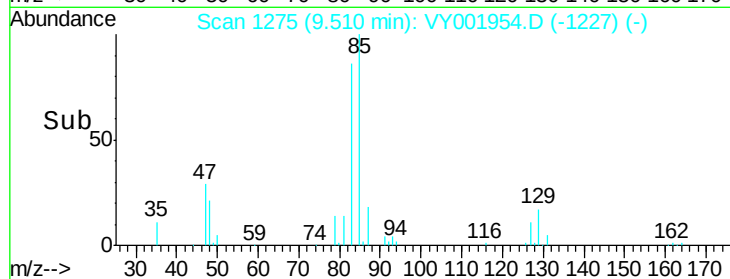
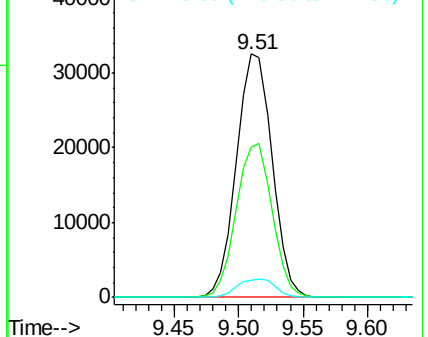
83 100

85 61.8 50.6 76.0

127 6.9 6.2 9.4



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



#48

Methyl methacrylate

Concen: 20.04 ug/l

RT: 9.31 min Scan# 1242

Delta R.T. 0.00 min

Lab File: VY001954.D

Acq: 12 Mar 2020 11:21

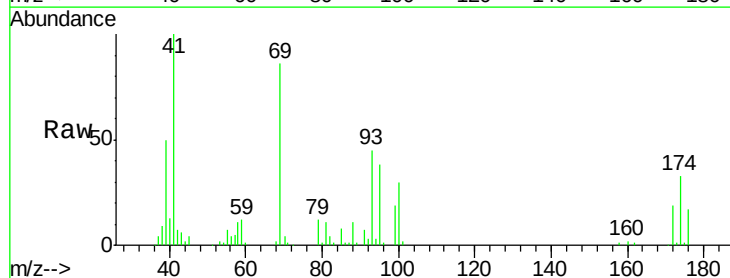
Tgt Ion: 41 Resp: 32881

Ion Ratio Lower Upper

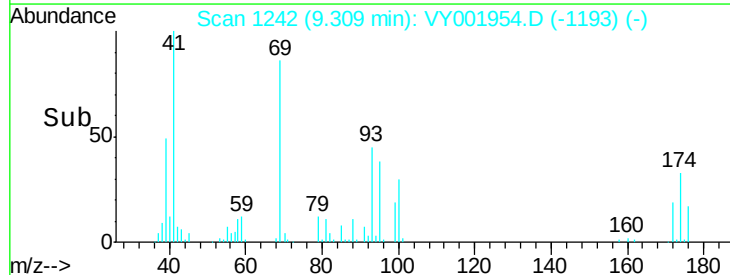
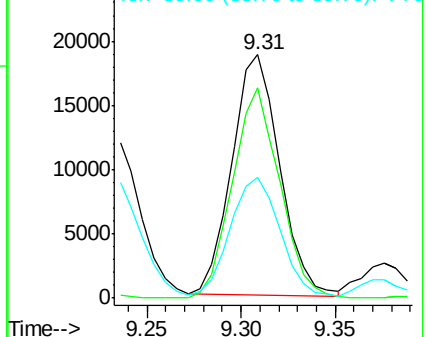
41 100

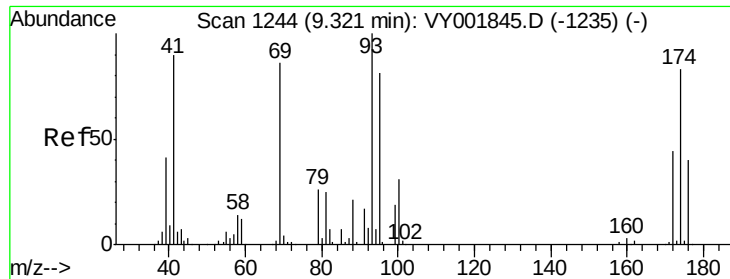
69 86.5 69.0 103.6

39 51.3 39.1 58.7



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

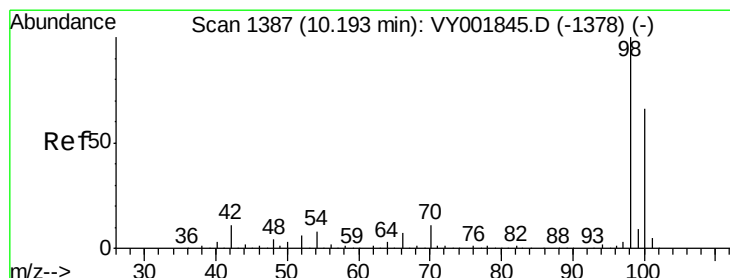
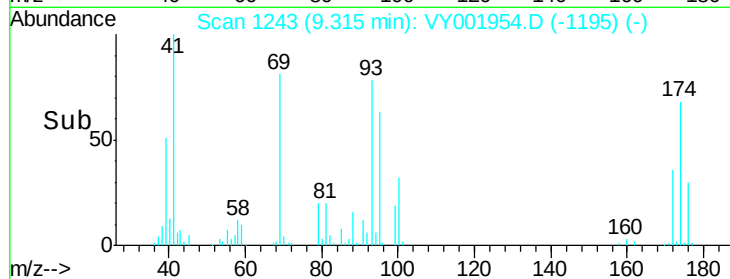
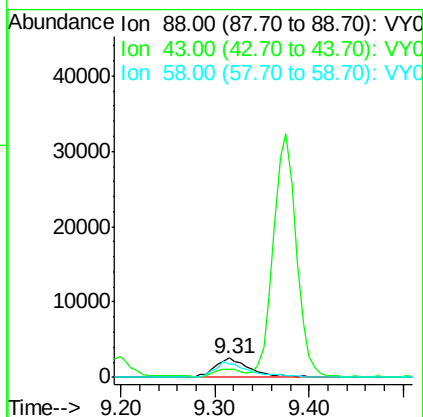
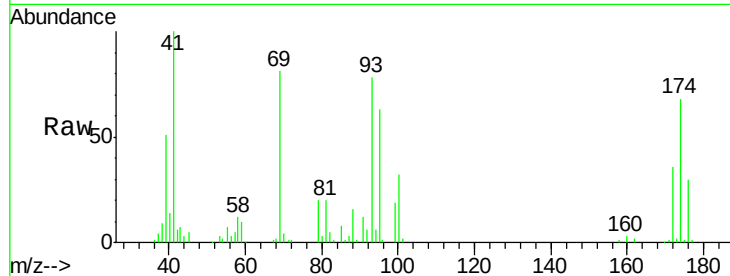




#49
 1,4-Dioxane
 Concen: 370.46 ug/l
 RT: 9.31 min Scan# 1243
 Delta R.T. -0.01 min
 Lab File: VY001954.D
 Acq: 12 Mar 2020 11:21

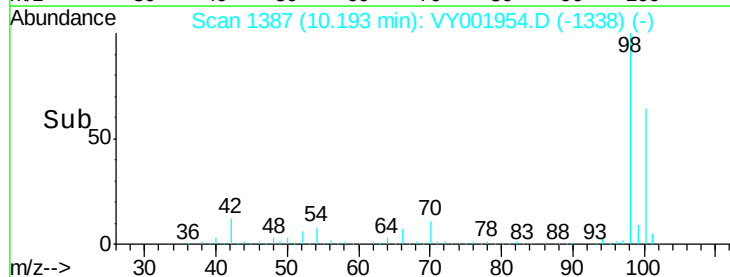
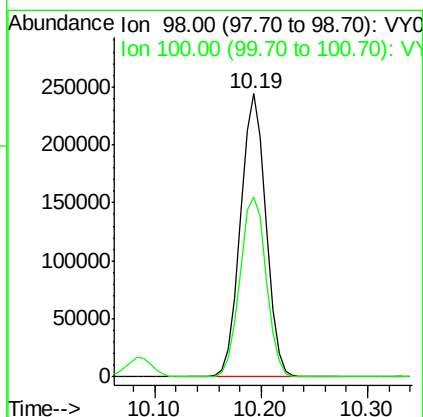
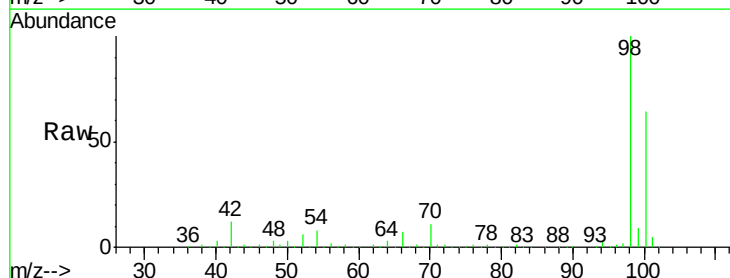
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0312SBS01

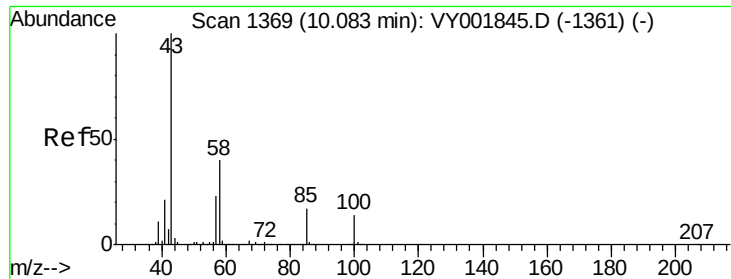
Tgt Ion: 88 Resp: 6551
 Ion Ratio Lower Upper
 88 100
 43 28.2 25.0 37.6
 58 81.2 58.9 88.3



#50
 Toluene-d8
 Concen: 50.95 ug/l
 RT: 10.19 min Scan# 1387
 Delta R.T. 0.00 min
 Lab File: VY001954.D
 Acq: 12 Mar 2020 11:21

Tgt Ion: 98 Resp: 409719
 Ion Ratio Lower Upper
 98 100
 100 65.7 53.0 79.4





#51

4-Methyl-2-Pentanone

Concen: 99.18 ug/l

RT: 10.08 min Scan# 1369

Delta R.T. 0.00 min

Lab File: VY001954.D

Acq: 12 Mar 2020 11:21

Instrument :

MSVOA_Y

ClientSampleId :

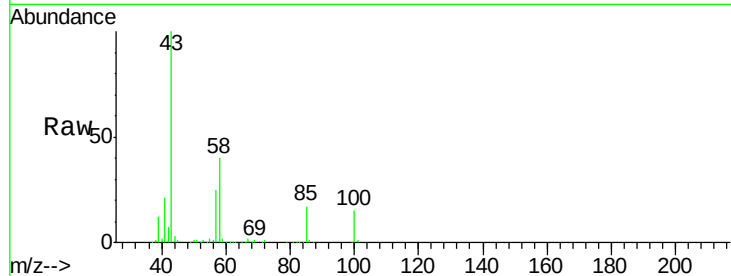
VY0312SBS01

Tgt Ion: 43 Resp: 188936

Ion Ratio Lower Upper

43 100

58 40.0 32.0 48.0



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0

10.08

120000

100000

80000

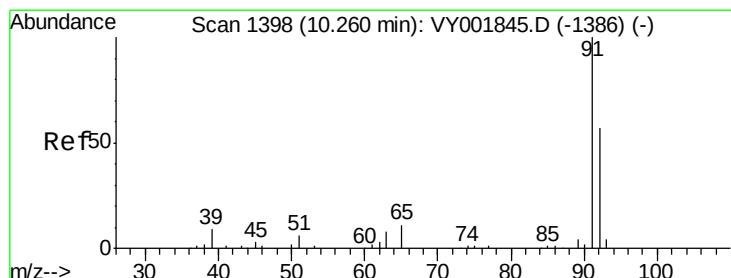
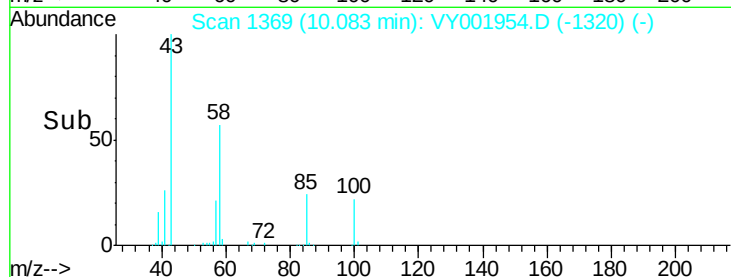
60000

40000

20000

0

Time-->



#52

Toluene

Concen: 20.06 ug/l

RT: 10.25 min Scan# 1397

Delta R.T. -0.01 min

Lab File: VY001954.D

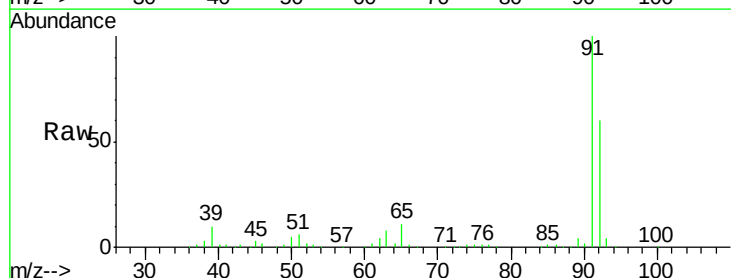
Acq: 12 Mar 2020 11:21

Tgt Ion: 92 Resp: 121409

Ion Ratio Lower Upper

92 100

91 171.8 138.6 208.0



Abundance Ion 92.00 (91.70 to 92.70): VY0

Ion 91.00 (90.70 to 91.70): VY0

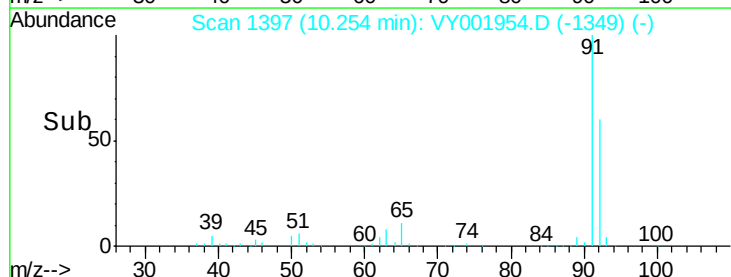
10.25

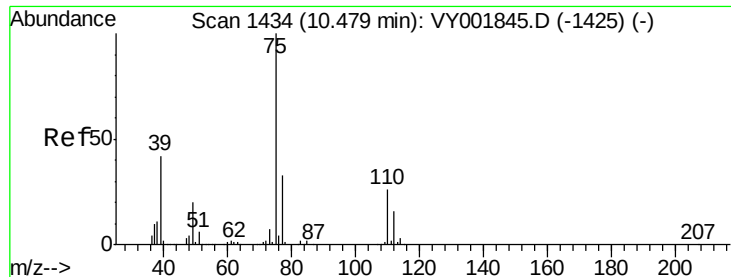
100000

50000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 20.63 ug/l

RT: 10.48 min Scan# 1434

Delta R.T. 0.00 min

Lab File: VY001954.D

Acq: 12 Mar 2020 11:21

Instrument :

MSVOA_Y

ClientSampleId :

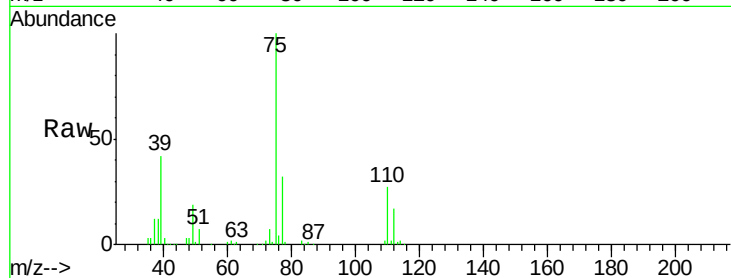
VY0312SBS01

Tgt Ion: 75 Resp: 67489

Ion Ratio Lower Upper

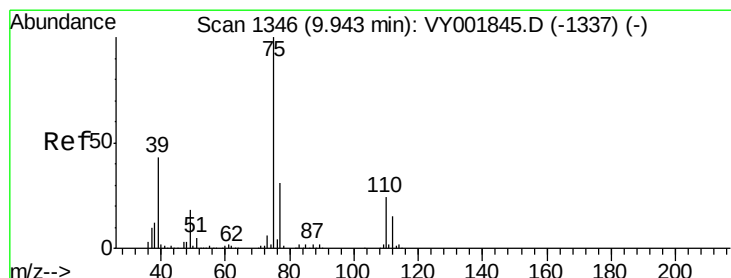
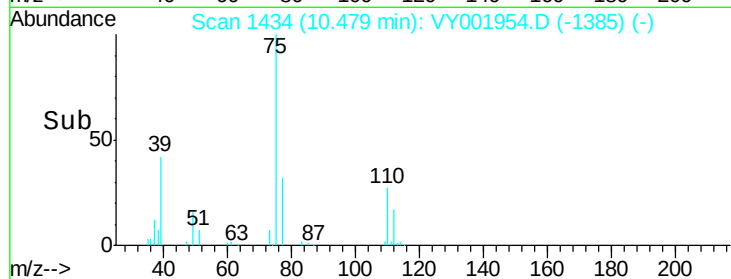
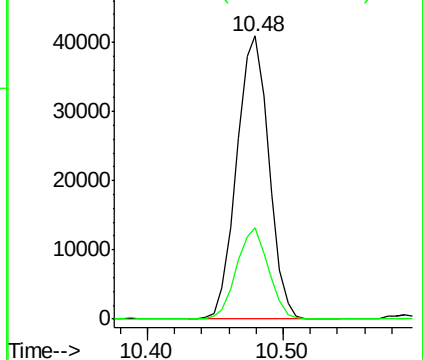
75 100

77 32.3 26.3 39.5



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0



#54

cis-1,3-Dichloropropene

Concen: 20.47 ug/l

RT: 9.94 min Scan# 1346

Delta R.T. 0.00 min

Lab File: VY001954.D

Acq: 12 Mar 2020 11:21

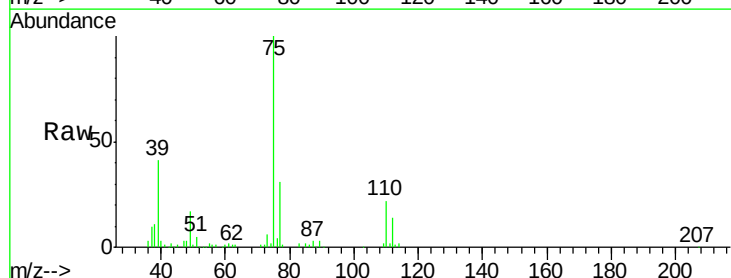
Tgt Ion: 75 Resp: 79721

Ion Ratio Lower Upper

75 100

77 31.4 25.1 37.7

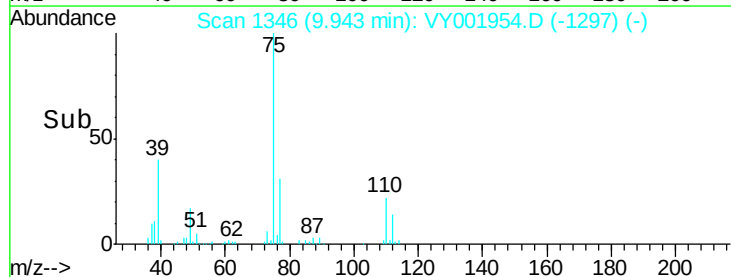
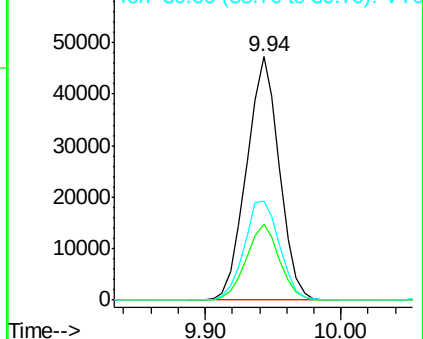
39 40.9 34.7 52.1

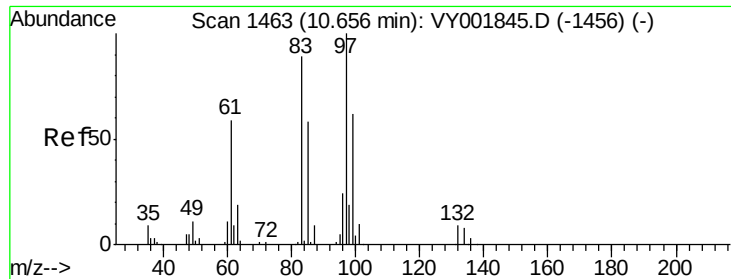


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0

Ion 39.00 (38.70 to 39.70): VY0





#55

1,1,2-Trichloroethane

Concen: 19.98 ug/l

RT: 10.66 min Scan# 1463

Delta R.T. 0.00 min

Lab File: VY001954.D

Acq: 12 Mar 2020 11:21

Instrument :

MSVOA_Y

ClientSampleId :

VY0312SBS01

Tgt Ion: 97 Resp: 37738

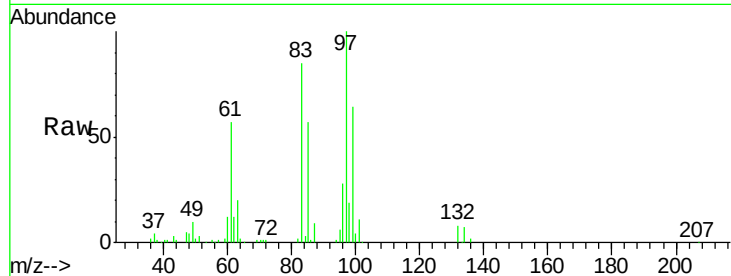
Ion Ratio Lower Upper

97 100

83 85.5 71.6 107.4

85 56.9 46.6 69.8

99 63.9 49.8 74.6

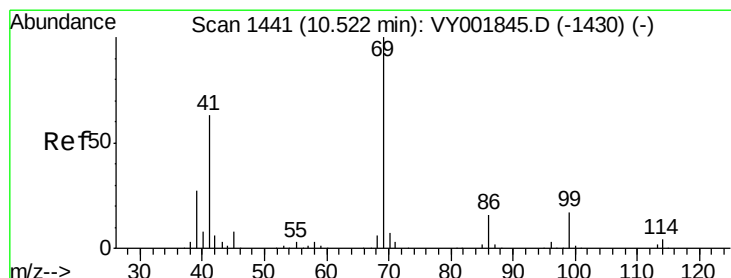
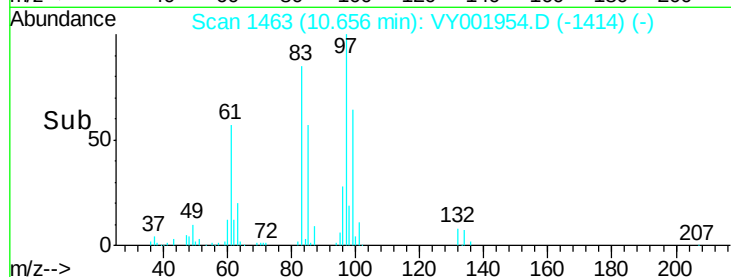
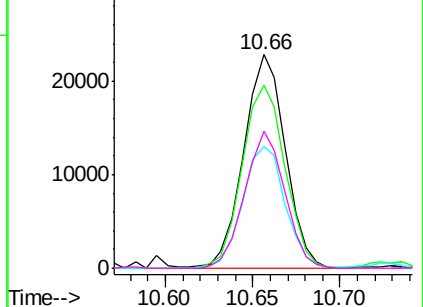


Abundance Ion 96.90 (96.60 to 97.60): VY0

Ion 82.90 (82.60 to 83.60): VY0

Ion 84.90 (84.60 to 85.60): VY0

Ion 98.90 (98.60 to 99.60): VY0



#56

Ethyl methacrylate

Concen: 19.77 ug/l

RT: 10.52 min Scan# 1441

Delta R.T. 0.00 min

Lab File: VY001954.D

Acq: 12 Mar 2020 11:21

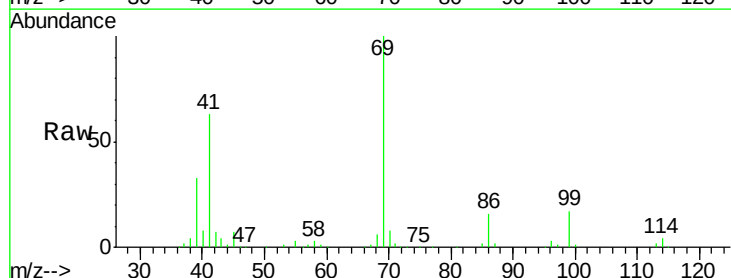
Tgt Ion: 69 Resp: 54741

Ion Ratio Lower Upper

69 100

41 65.7 49.9 74.9

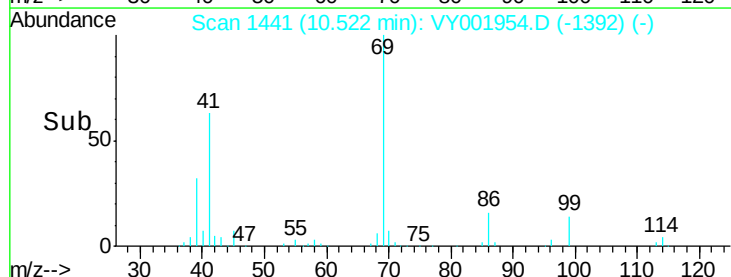
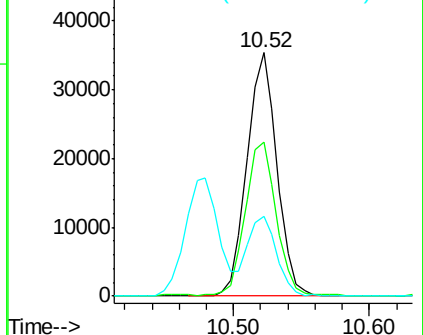
39 33.5 23.0 34.6

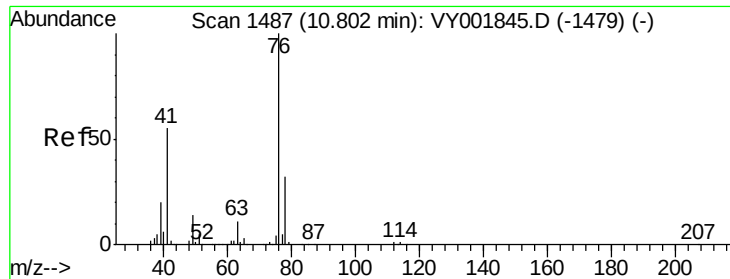


Abundance Ion 69.00 (68.70 to 69.70): VY0

Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

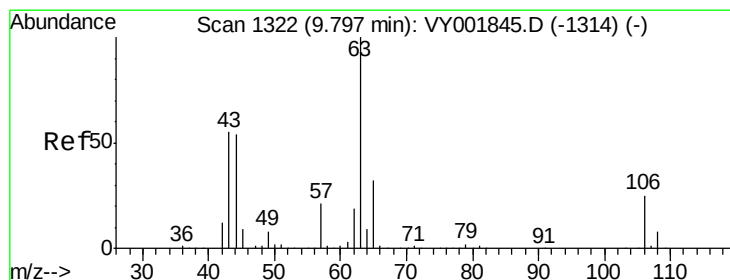
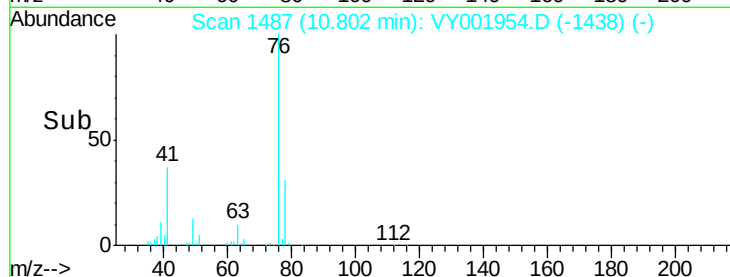
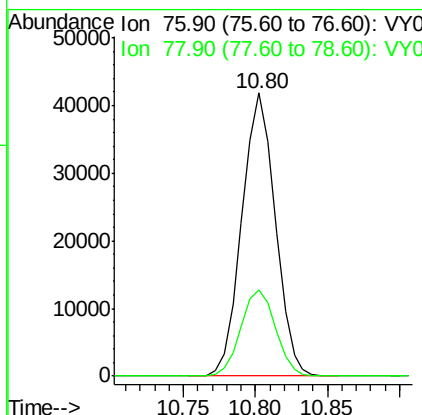
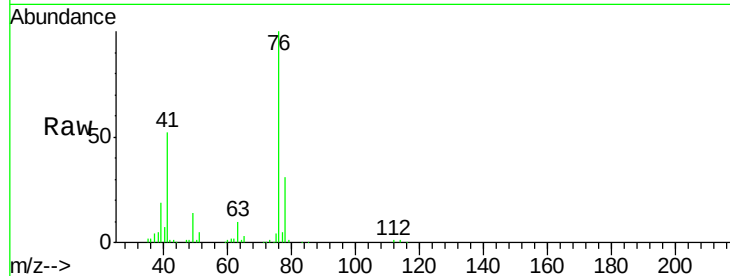




#57
 1,3-Dichloropropane
 Concen: 19.98 ug/l
 RT: 10.80 min Scan# 1487
 Delta R.T. 0.00 min
 Lab File: VY001954.D
 Acq: 12 Mar 2020 11:21

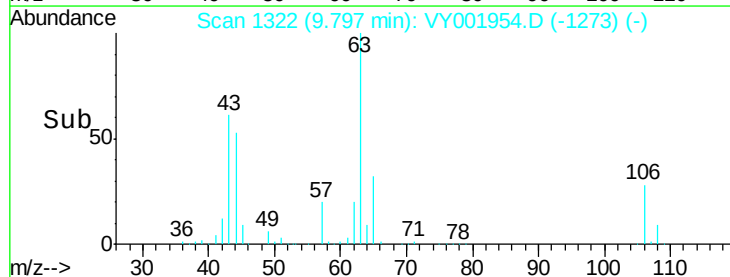
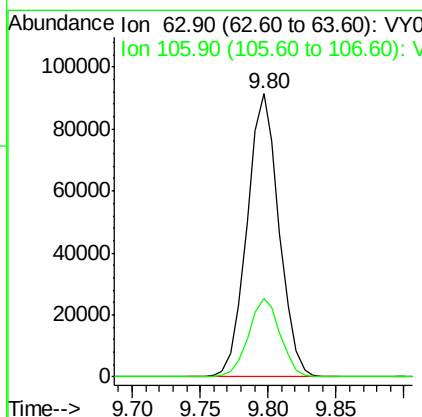
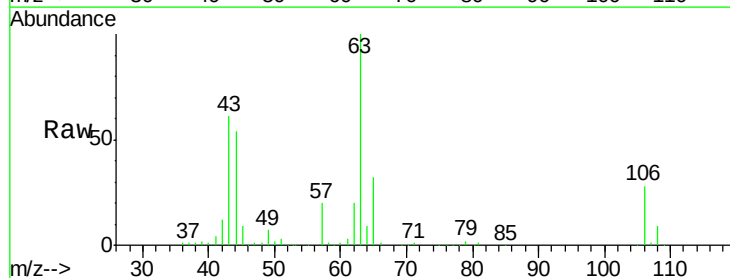
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0312SBS01

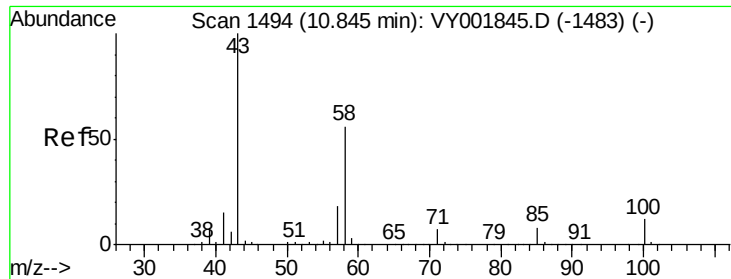
Tgt Ion: 76 Resp: 67272
 Ion Ratio Lower Upper
 76 100
 78 31.6 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 140.98 ug/l
 RT: 9.80 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VY001954.D
 Acq: 12 Mar 2020 11:21

Tgt Ion: 63 Resp: 150003
 Ion Ratio Lower Upper
 63 100
 106 27.5 21.3 31.9

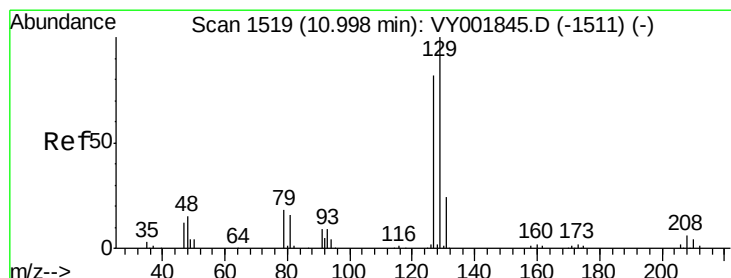
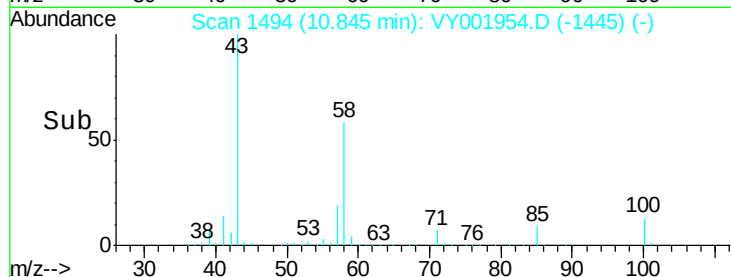
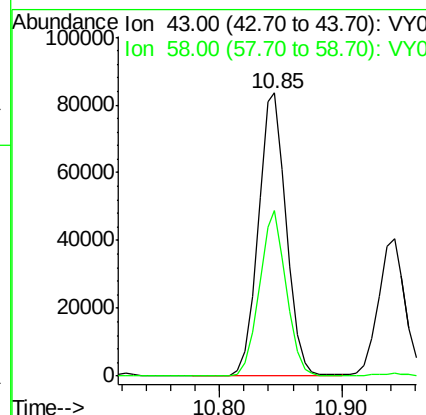
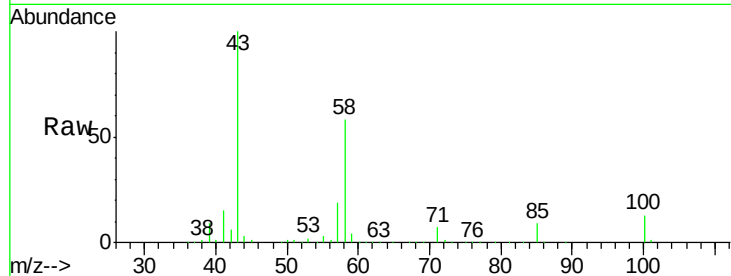




#59
2-Hexanone
Concen: 97.74 ug/l
RT: 10.85 min Scan# 1494
Delta R.T. 0.00 min
Lab File: VY001954.D
Acq: 12 Mar 2020 11:21

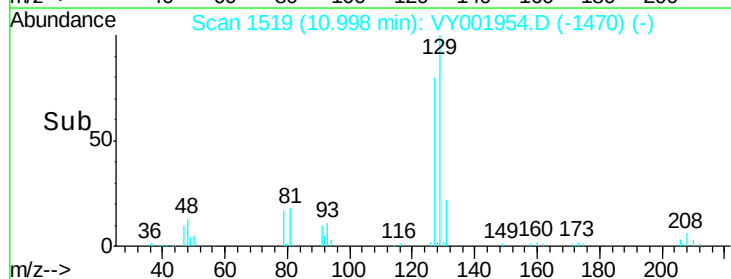
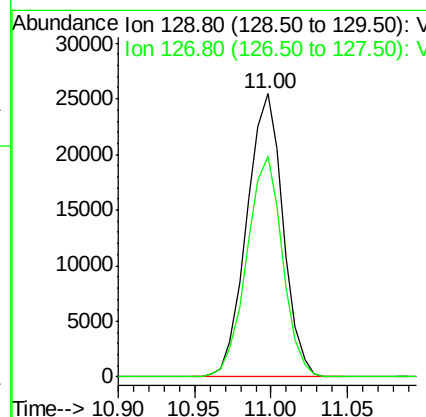
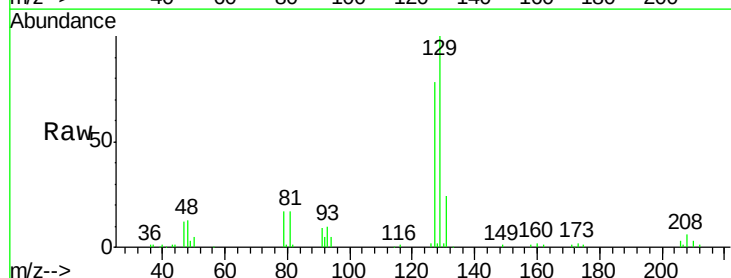
Instrument :
MSVOA_Y
ClientSampleId :
VY0312SBS01

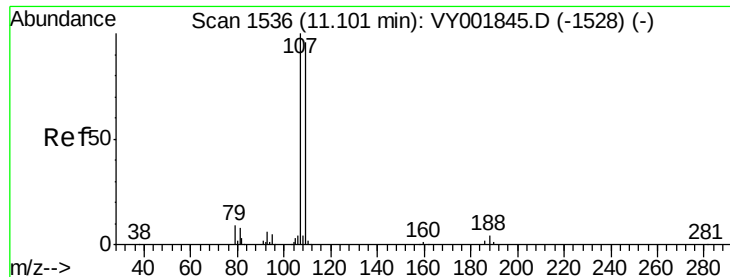
Tgt Ion: 43 Resp: 132889
Ion Ratio Lower Upper
43 100
58 56.0 28.1 84.3



#60
Dibromochloromethane
Concen: 21.03 ug/l
RT: 11.00 min Scan# 1519
Delta R.T. 0.00 min
Lab File: VY001954.D
Acq: 12 Mar 2020 11:21

Tgt Ion: 129 Resp: 41858
Ion Ratio Lower Upper
129 100
127 76.7 39.0 117.0

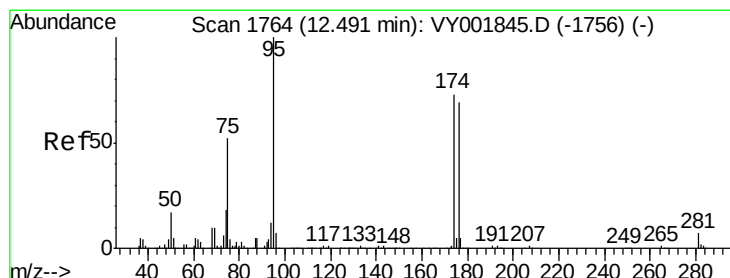
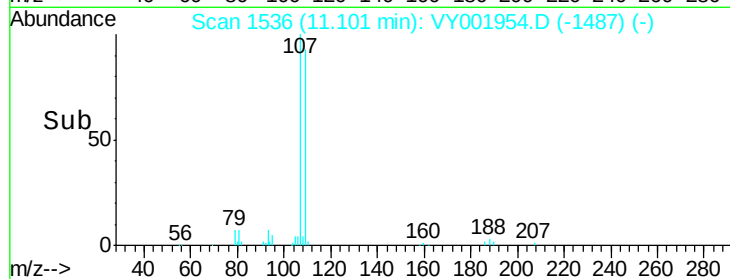
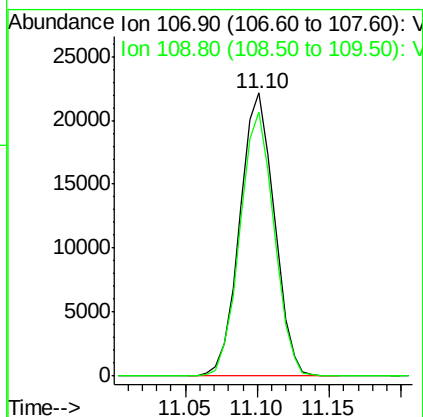
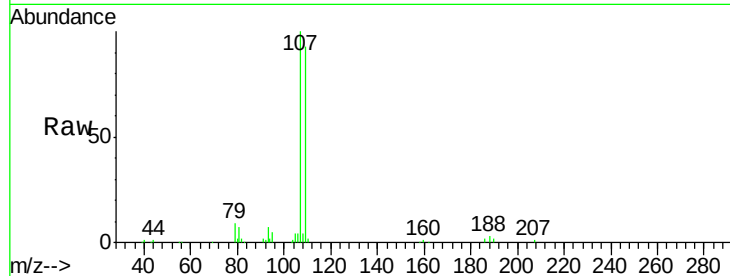




#61
 1,2-Dibromoethane
 Concen: 20.56 ug/l
 RT: 11.10 min Scan# 1536
 Delta R.T. 0.00 min
 Lab File: VY001954.D
 Acq: 12 Mar 2020 11:21

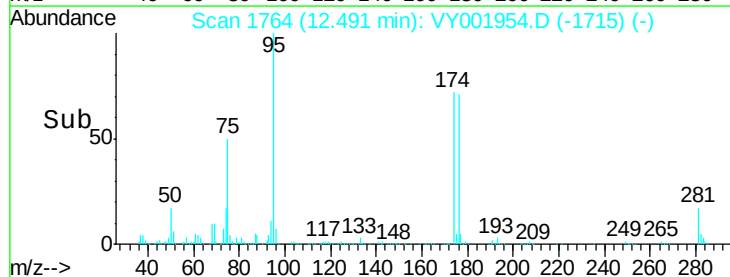
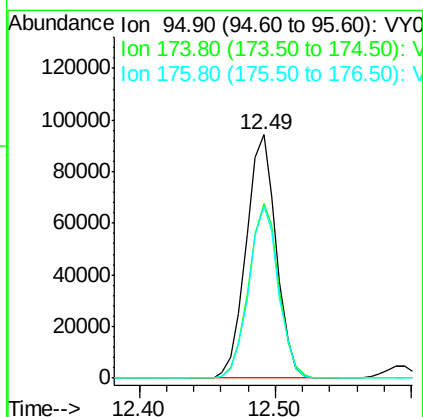
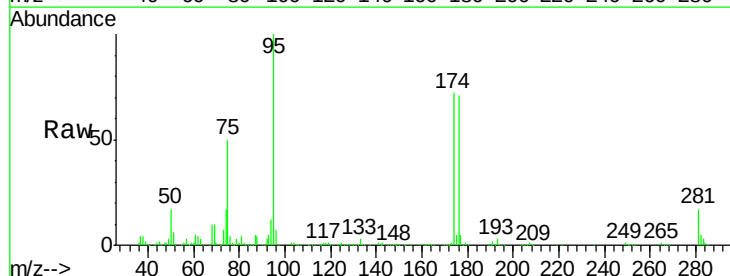
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0312SBS01

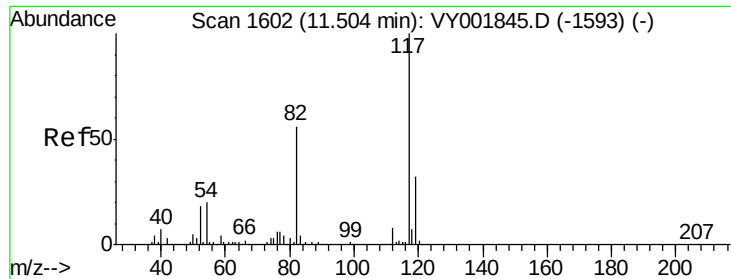
Tgt Ion: 107 Resp: 36787
 Ion Ratio Lower Upper
 107 100
 109 92.1 75.4 113.0



#62
 4-Bromofluorobenzene
 Concen: 52.10 ug/l
 RT: 12.49 min Scan# 1764
 Delta R.T. 0.00 min
 Lab File: VY001954.D
 Acq: 12 Mar 2020 11:21

Tgt Ion: 95 Resp: 145703
 Ion Ratio Lower Upper
 95 100
 174 72.0 0.0 145.0
 176 69.8 0.0 137.4

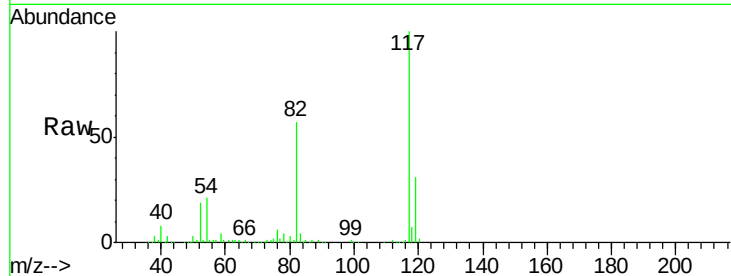




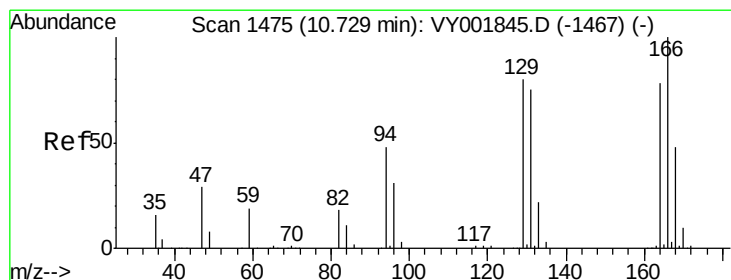
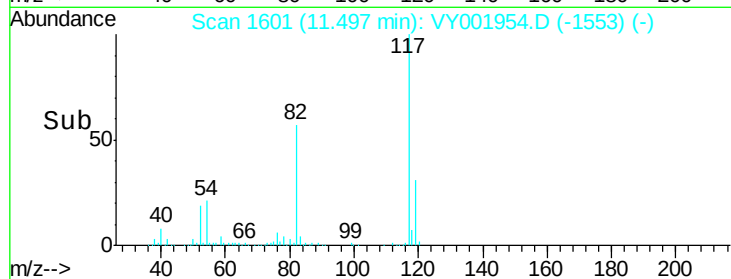
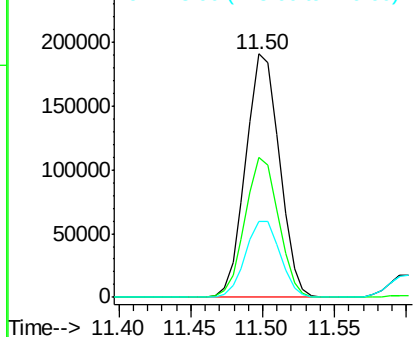
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: VY001954.D
Acq: 12 Mar 2020 11:21

Instrument :
MSVOA_Y
ClientSampleId :
VY0312SBS01

Tgt Ion:117 Resp: 311122
Ion Ratio Lower Upper
117 100
82 57.5 44.5 66.7
119 31.4 25.7 38.5

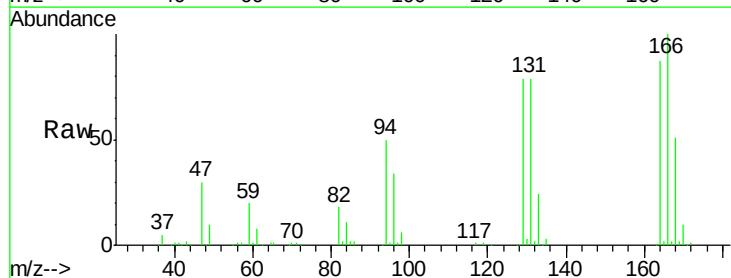


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

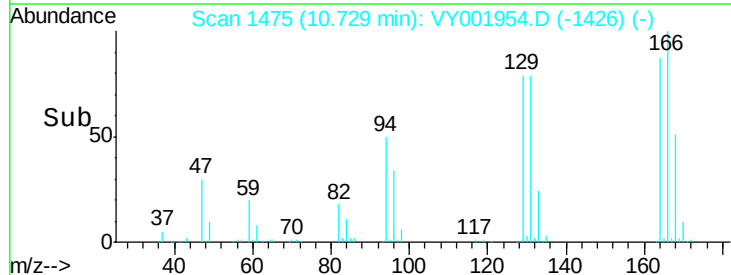
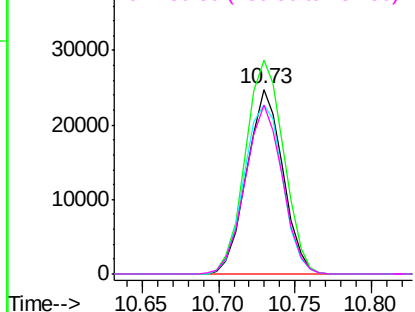


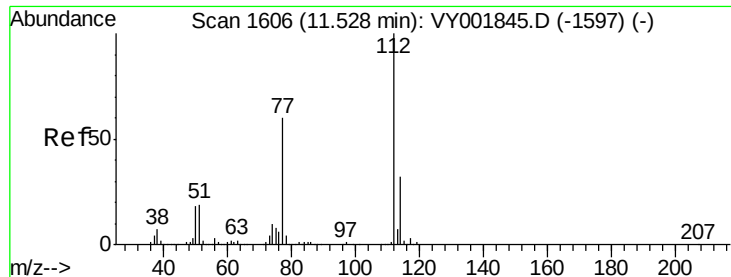
#64
Tetrachloroethene
Concen: 20.84 ug/l
RT: 10.73 min Scan# 1475
Delta R.T. 0.00 min
Lab File: VY001954.D
Acq: 12 Mar 2020 11:21

Tgt Ion:164 Resp: 40666
Ion Ratio Lower Upper
164 100
166 115.6 102.6 154.0
129 91.7 82.3 123.5
131 91.1 77.4 116.0



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

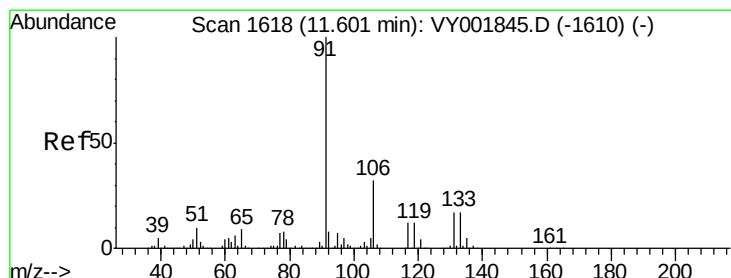
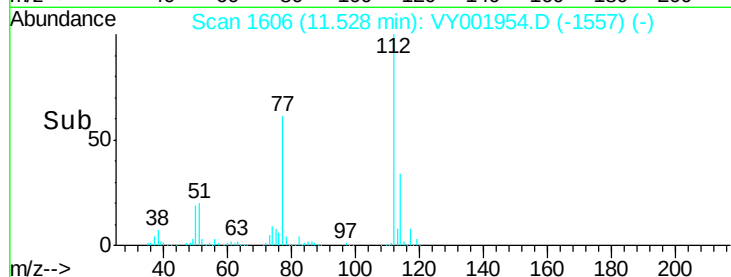
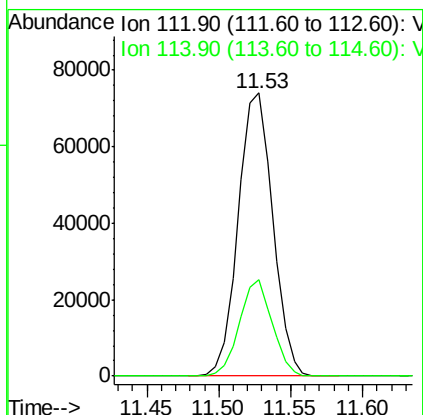
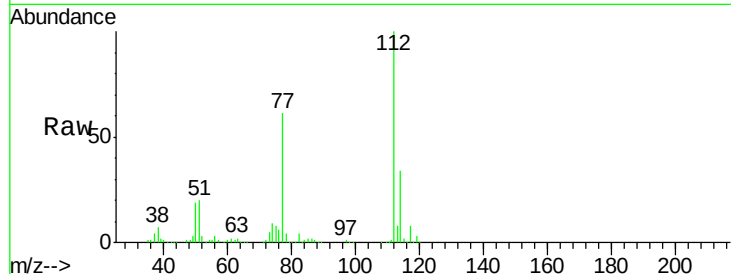




#65
Chlorobenzene
Concen: 19.90 ug/l
RT: 11.53 min Scan# 1606
Delta R.T. 0.00 min
Lab File: VY001954.D
Acq: 12 Mar 2020 11:21

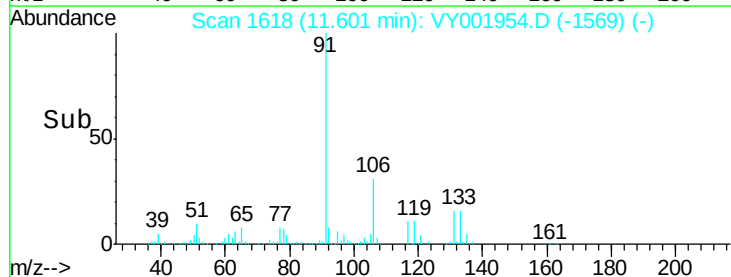
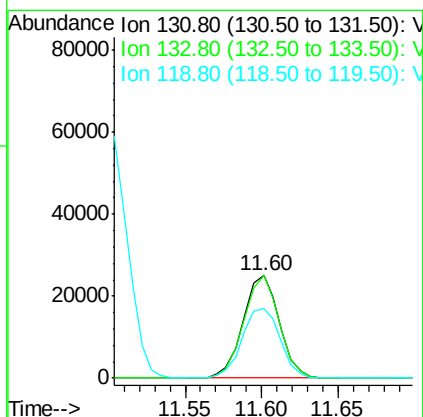
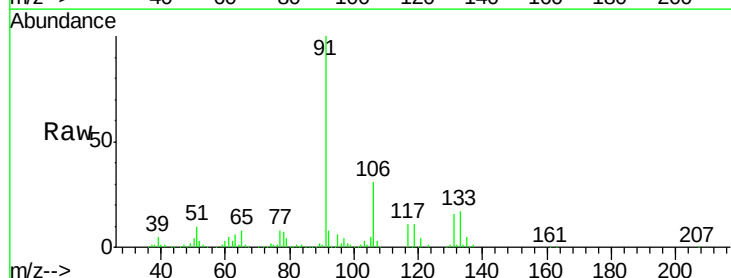
Instrument :
MSVOA_Y
ClientSampleId :
VY0312SBS01

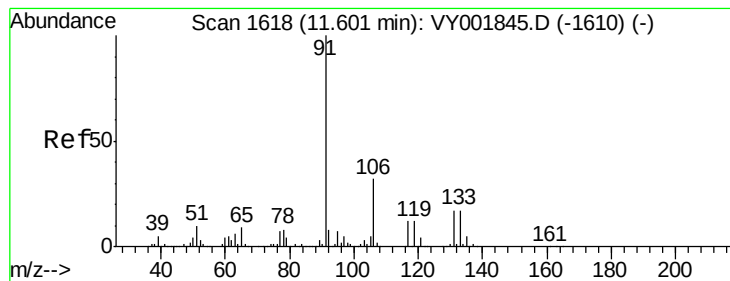
Tgt Ion:112 Resp: 123385
Ion Ratio Lower Upper
112 100
114 34.2 25.9 38.9



#66
1,1,1,2-Tetrachloroethane
Concen: 20.28 ug/l
RT: 11.60 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VY001954.D
Acq: 12 Mar 2020 11:21

Tgt Ion:131 Resp: 41219
Ion Ratio Lower Upper
131 100
133 97.2 47.1 141.3
119 71.3 34.5 103.6





#67

Ethyl Benzene

Concen: 20.25 ug/l

RT: 11.60 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VY001954.D

Acq: 12 Mar 2020 11:21

Instrument :

MSVOA_Y

ClientSampleId :

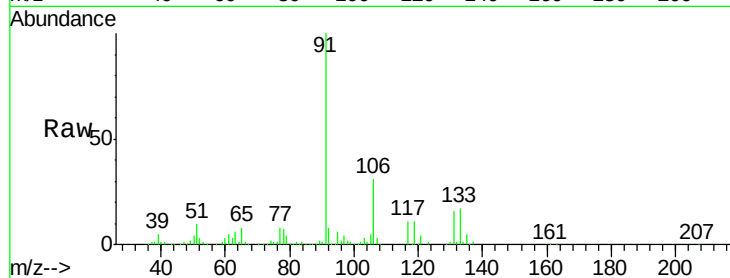
VY0312SBS01

Tgt Ion: 91 Resp: 234170

Ion Ratio Lower Upper

91 100

106 30.5 25.4 38.2



Abundance Ion 91.00 (90.70 to 91.70): VY001845.D (-1610) (-)

Ion 106.00 (105.70 to 106.70): VY001845.D (-1610) (-)

11.60

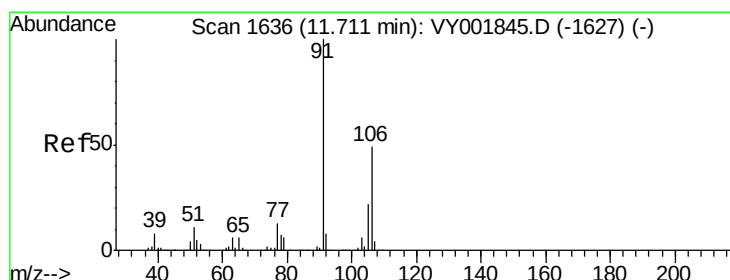
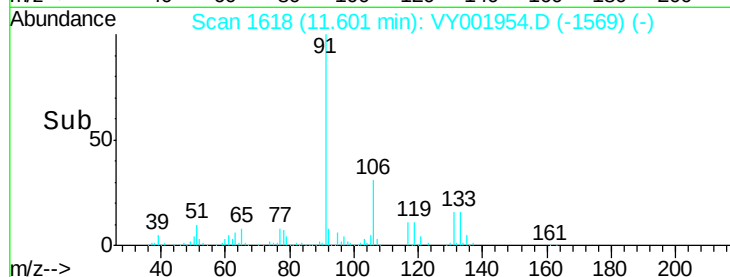
150000

100000

50000

0

Time-->



#68

m/p-Xylenes

Concen: 40.38 ug/l

RT: 11.71 min Scan# 1636

Delta R.T. 0.00 min

Lab File: VY001954.D

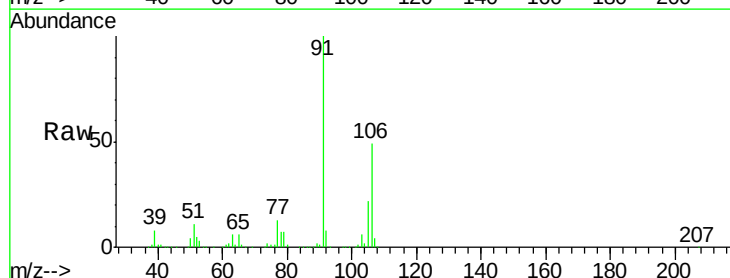
Acq: 12 Mar 2020 11:21

Tgt Ion: 106 Resp: 172586

Ion Ratio Lower Upper

106 100

91 204.6 161.3 241.9



Abundance Ion 106.00 (105.70 to 106.70): VY001845.D (-1627) (-)

Ion 91.00 (90.70 to 91.70): VY001845.D (-1627) (-)

11.71

200000

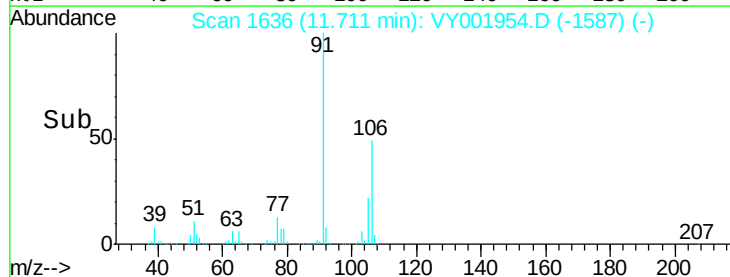
150000

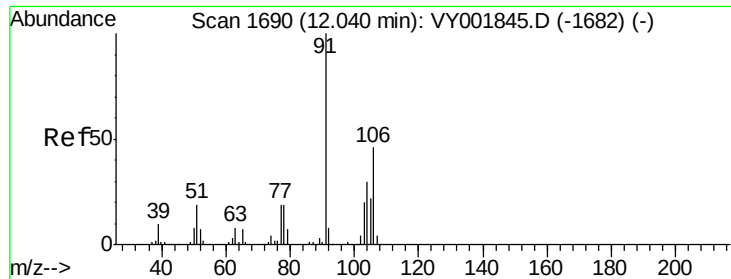
100000

50000

0

Time-->

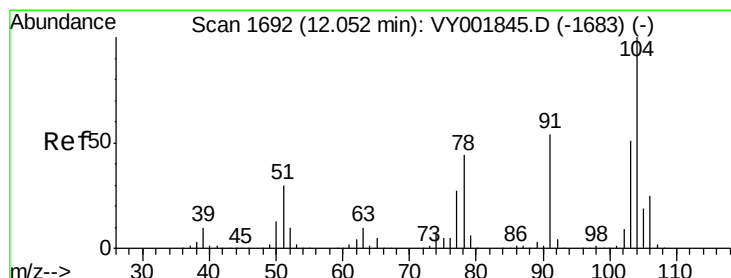
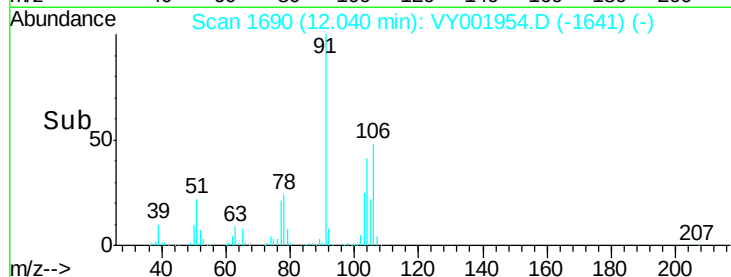
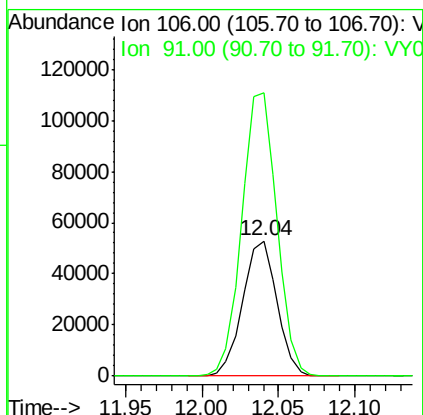
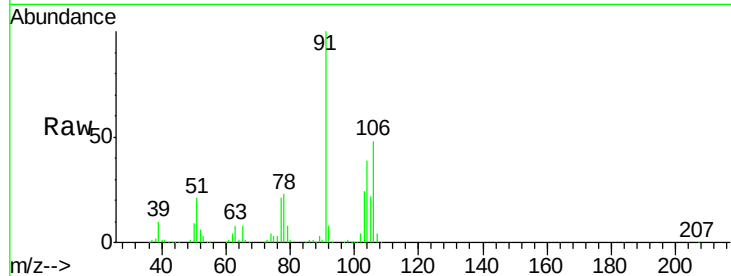




#69
o-Xylene
Concen: 20.46 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. 0.00 min
Lab File: VY001954.D
Acq: 12 Mar 2020 11:21

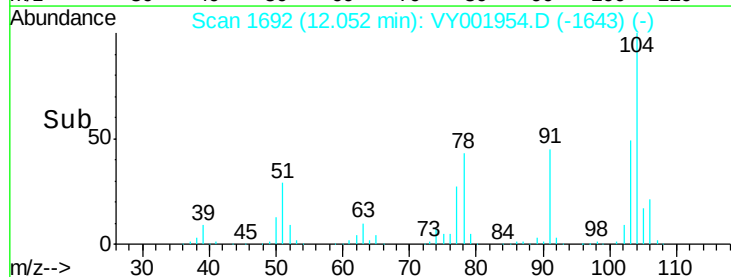
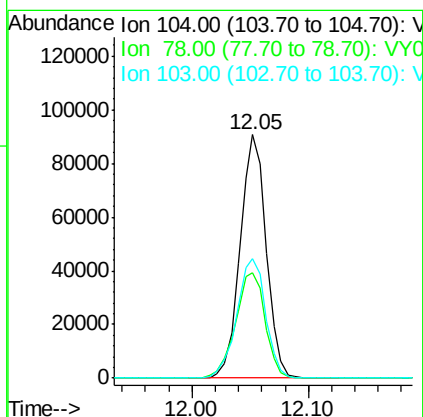
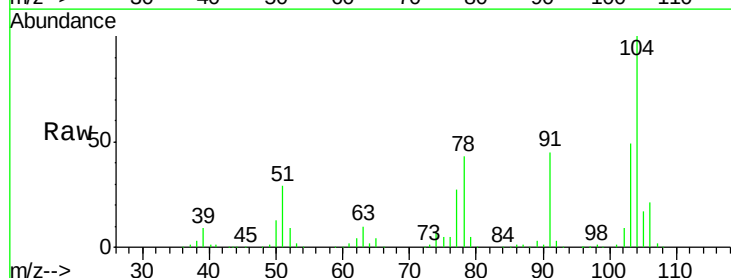
Instrument :
MSVOA_Y
ClientSampleId :
VY0312SBS01

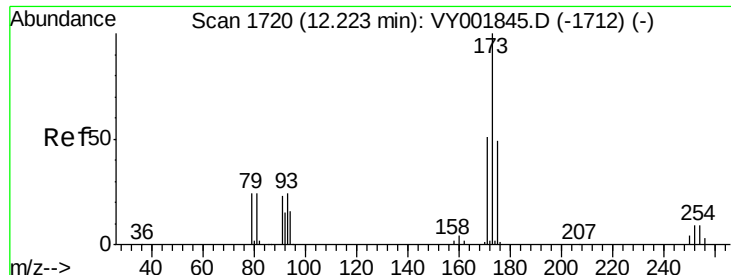
Tgt Ion:106 Resp: 82422
Ion Ratio Lower Upper
106 100
91 214.1 106.8 320.4



#70
Styrene
Concen: 20.47 ug/l
RT: 12.05 min Scan# 1692
Delta R.T. 0.00 min
Lab File: VY001954.D
Acq: 12 Mar 2020 11:21

Tgt Ion:104 Resp: 141271
Ion Ratio Lower Upper
104 100
78 49.1 38.5 57.7
103 54.4 42.9 64.3

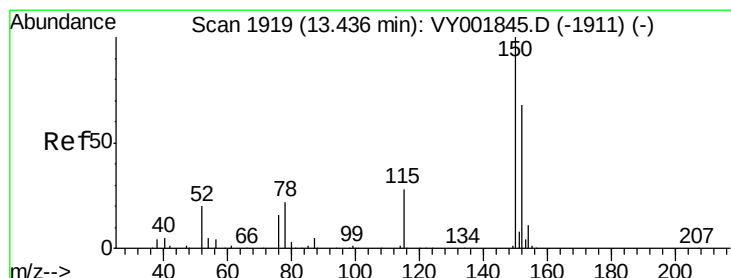
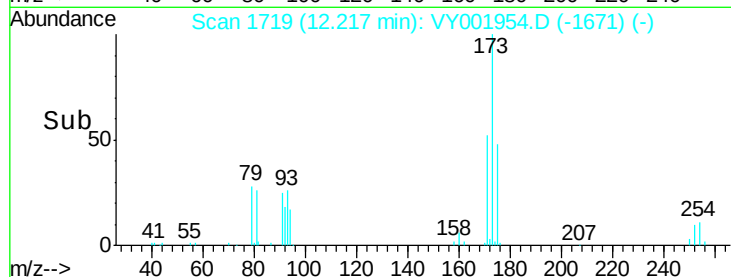
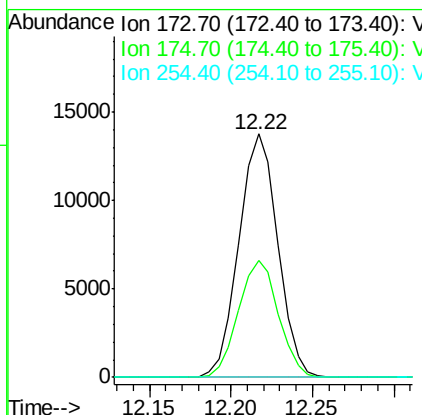
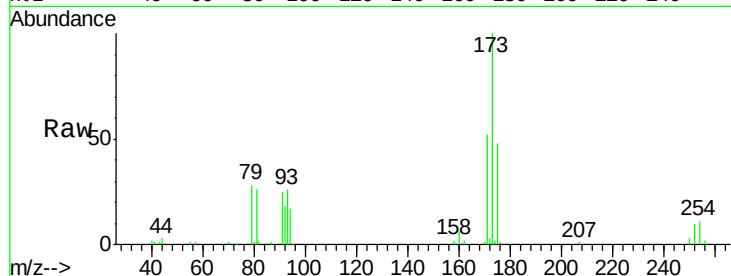




#71
 Bromoform
 Concen: 20.76 ug/l
 RT: 12.22 min Scan# 1719
 Delta R.T. -0.01 min
 Lab File: VY001954.D
 Acq: 12 Mar 2020 11:21

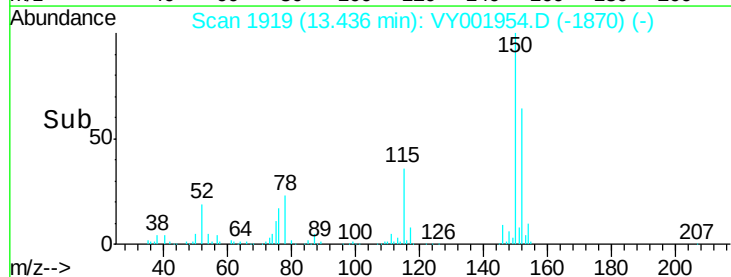
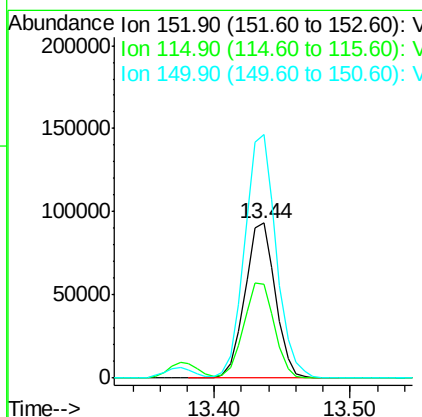
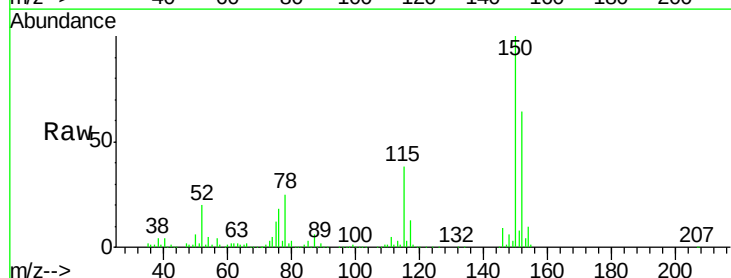
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0312SBS01

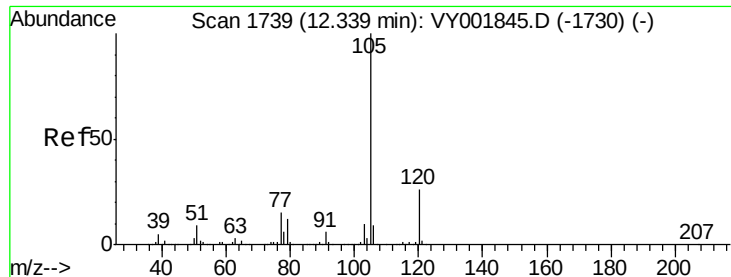
Tgt Ion:173 Resp: 22889
 Ion Ratio Lower Upper
 173 100
 175 49.3 24.3 72.8
 254 0.0 0.0 0.0



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.44 min Scan# 1919
 Delta R.T. 0.00 min
 Lab File: VY001954.D
 Acq: 12 Mar 2020 11:21

Tgt Ion:152 Resp: 145343
 Ion Ratio Lower Upper
 152 100
 115 61.9 29.9 89.7
 150 163.4 0.0 340.6





#73

Isopropylbenzene

Concen: 20.13 ug/l

RT: 12.34 min Scan# 1739

Delta R.T. 0.00 min

Lab File: VY001954.D

Acq: 12 Mar 2020 11:21

Instrument :

MSVOA_Y

ClientSampleId :

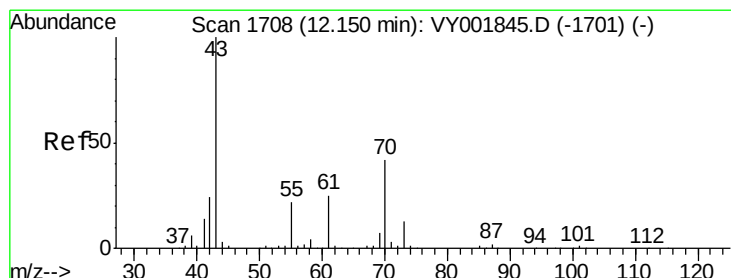
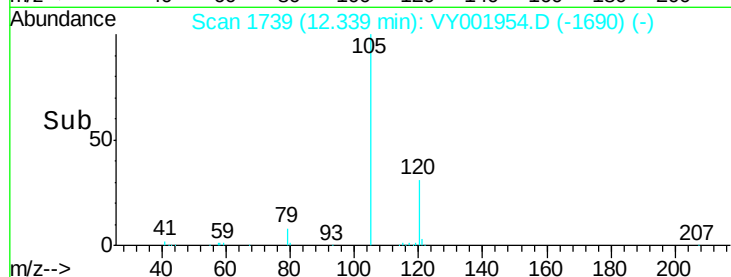
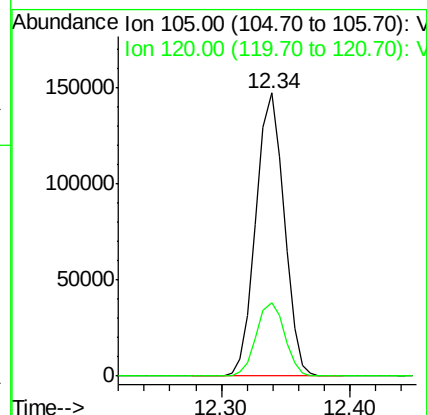
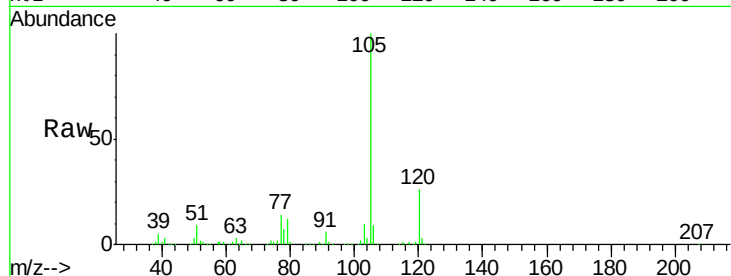
VY0312SBS01

Tgt Ion: 105 Resp: 223343

Ion Ratio Lower Upper

105 100

120 26.1 13.1 39.3



#74

N-amyl acetate

Concen: 19.08 ug/l

RT: 12.15 min Scan# 1708

Delta R.T. 0.00 min

Lab File: VY001954.D

Acq: 12 Mar 2020 11:21

Tgt Ion: 43 Resp: 65075

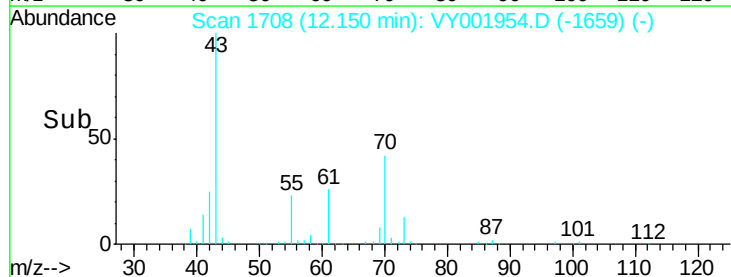
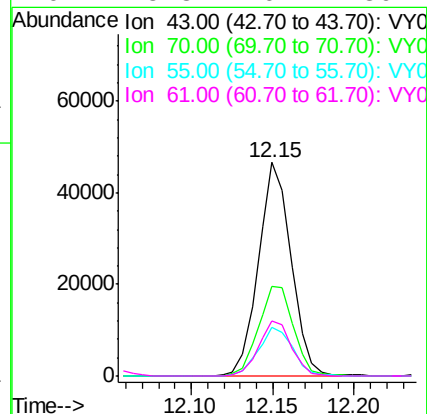
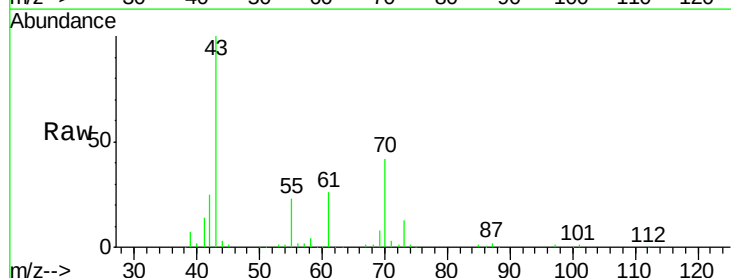
Ion Ratio Lower Upper

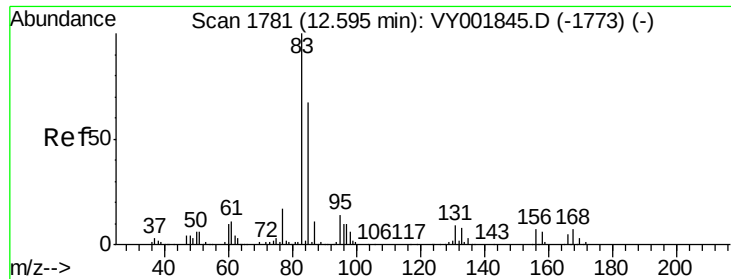
43 100

70 44.8 34.7 52.1

55 23.8 18.2 27.4

61 25.8 20.1 30.1





#75

1,1,2,2-Tetrachloroethane

Concen: 19.54 ug/l

RT: 12.59 min Scan# 1780

Delta R.T. -0.01 min

Lab File: VY001954.D

Acq: 12 Mar 2020 11:21

Instrument :

MSVOA_Y

ClientSampleId :

VY0312SBS01

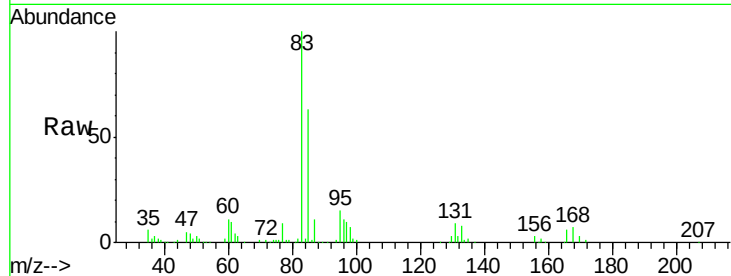
Tgt Ion: 83 Resp: 46744

Ion Ratio Lower Upper

83 100

131 9.6 4.6 13.8

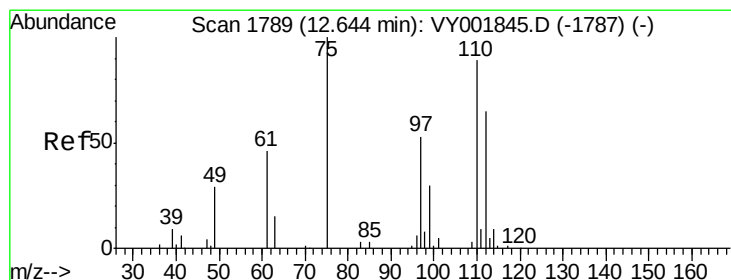
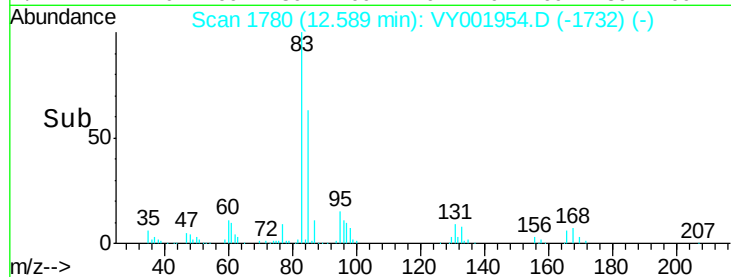
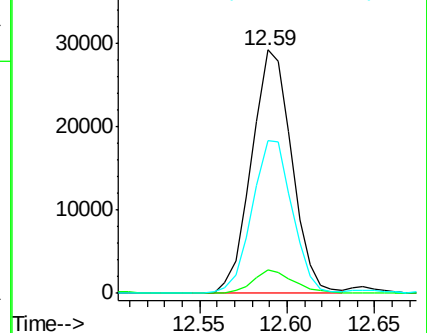
85 62.8 32.1 96.3



Abundance Ion 82.90 (82.60 to 83.60): VY0

Ion 130.80 (130.50 to 131.50): VY0

Ion 84.90 (84.60 to 85.60): VY0



#76

1,2,3-Trichloropropane

Concen: 35.54 ug/l

RT: 12.64 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VY001954.D

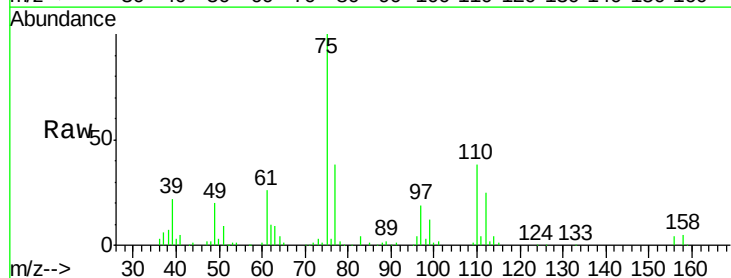
Acq: 12 Mar 2020 11:21

Tgt Ion: 75 Resp: 61298

Ion Ratio Lower Upper

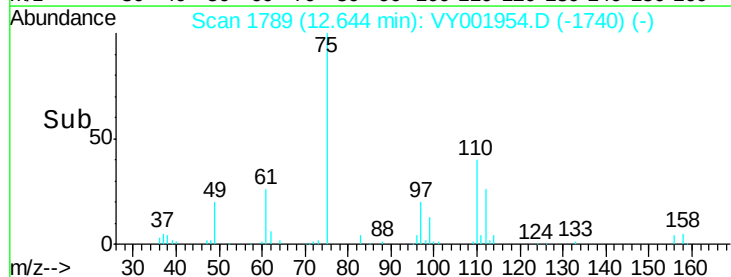
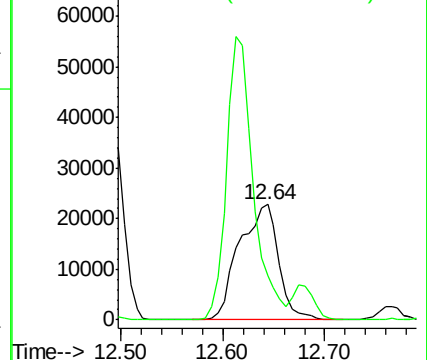
75 100

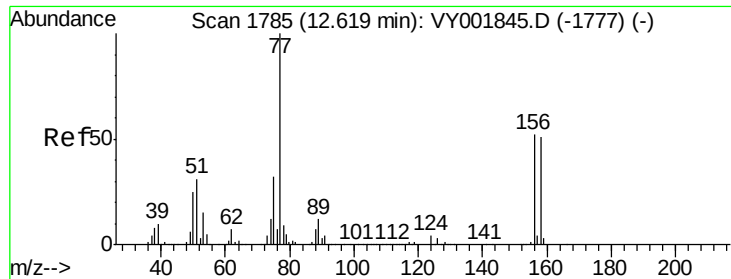
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 77.00 (76.70 to 77.70): VY0





#77

Bromobenzene

Concen: 20.12 ug/l

RT: 12.62 min Scan# 1785

Delta R.T. 0.00 min

Lab File: VY001954.D

Acq: 12 Mar 2020 11:21

Instrument :

MSVOA_Y

ClientSampleId :

VY0312SBS01

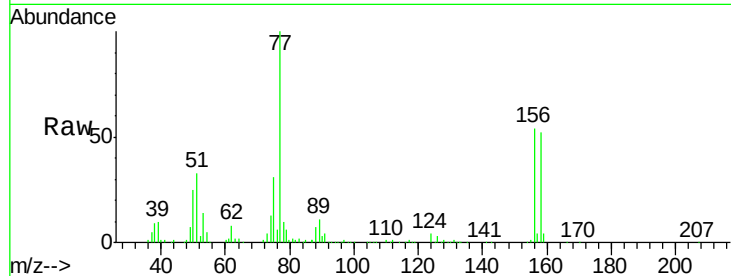
Tgt Ion:156 Resp: 47287

Ion Ratio Lower Upper

156 100

77 215.4 109.0 327.0

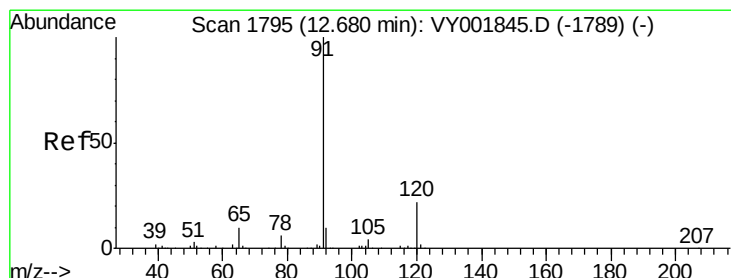
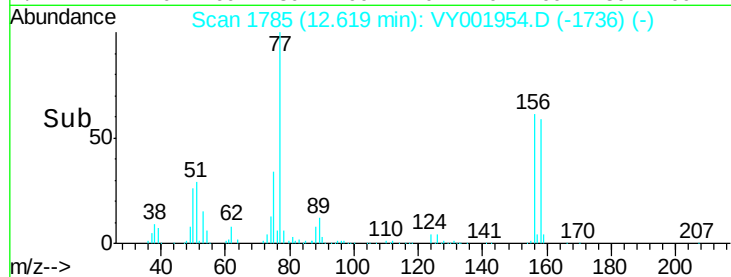
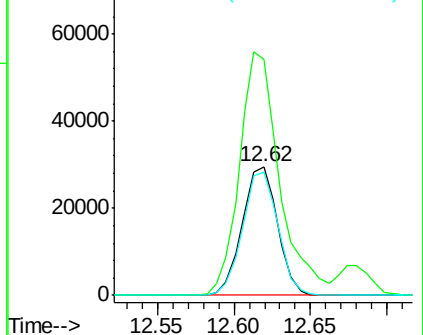
158 96.6 48.9 146.8



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: 19.88 ug/l

RT: 12.68 min Scan# 1795

Delta R.T. 0.00 min

Lab File: VY001954.D

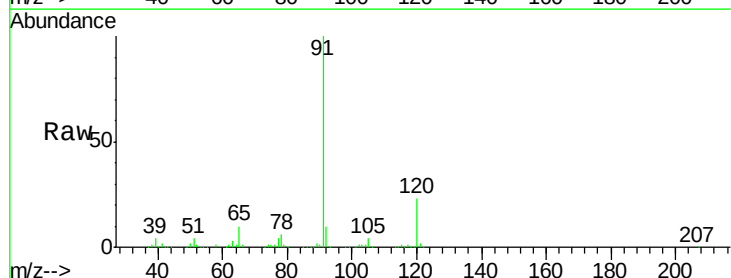
Acq: 12 Mar 2020 11:21

Tgt Ion: 91 Resp: 272061

Ion Ratio Lower Upper

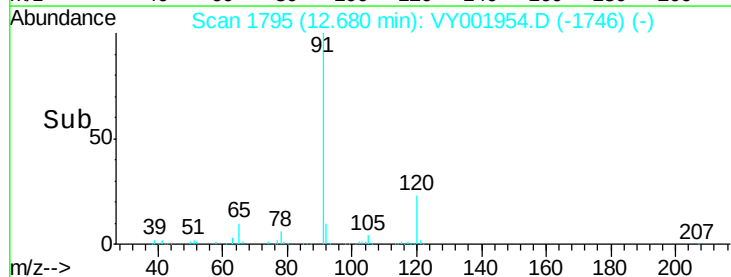
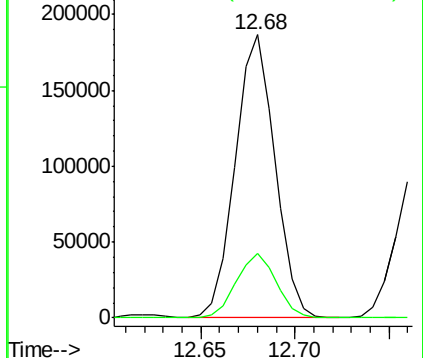
91 100

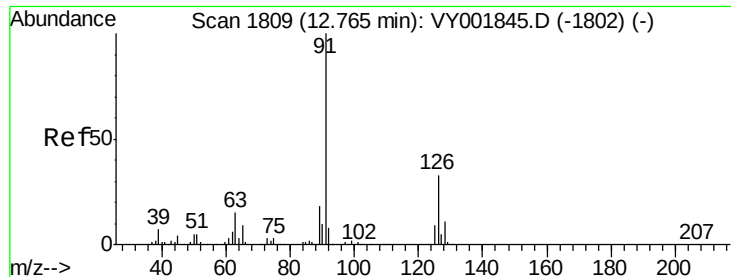
120 22.8 11.0 33.0



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.10 ug/l

RT: 12.77 min Scan# 1809

Delta R.T. 0.00 min

Lab File: VY001954.D

Acq: 12 Mar 2020 11:21

Instrument :

MSVOA_Y

ClientSampleId :

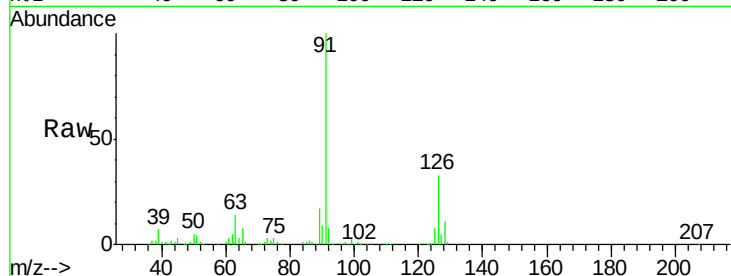
VY0312SBS01

Tgt Ion: 91 Resp: 151997

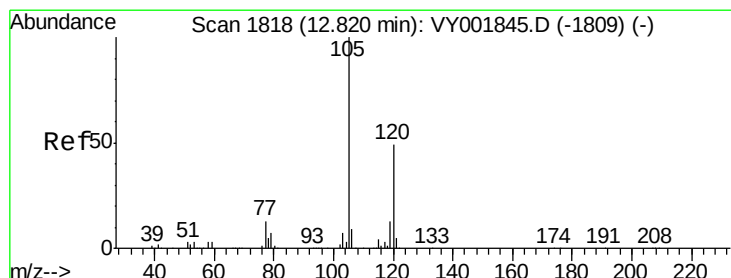
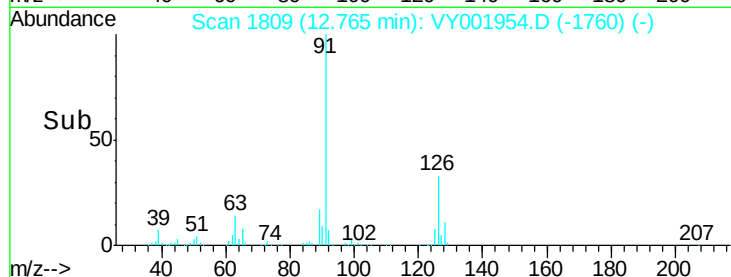
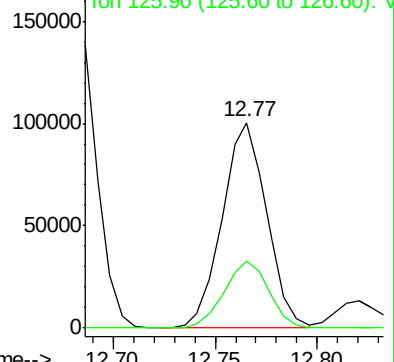
Ion Ratio Lower Upper

91 100

126 33.0 16.3 48.8



Abundance Ion 91.00 (90.70 to 91.70): VY001845.D (-1802) (-)



#80

1,3,5-Trimethylbenzene

Concen: 20.19 ug/l

RT: 12.82 min Scan# 1818

Delta R.T. 0.00 min

Lab File: VY001954.D

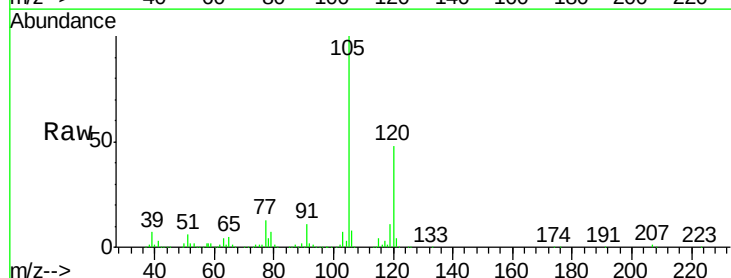
Acq: 12 Mar 2020 11:21

Tgt Ion: 105 Resp: 184435

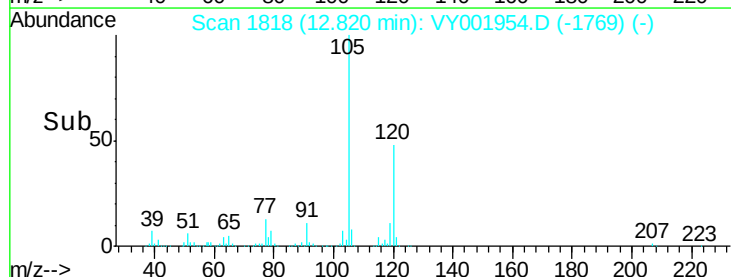
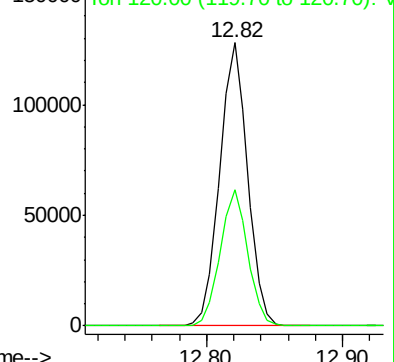
Ion Ratio Lower Upper

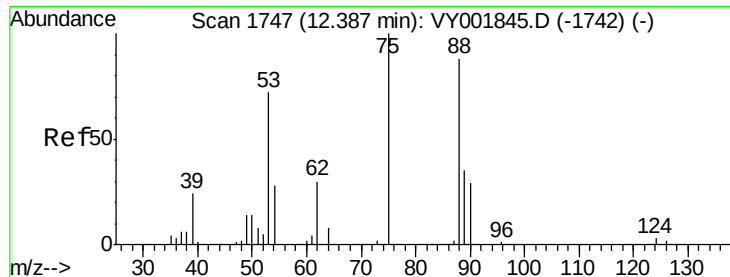
105 100

120 47.7 24.4 73.2



Abundance Ion 105.00 (104.70 to 105.70): VY001845.D (-1809) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 19.65 ug/l

RT: 12.39 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VY001954.D

Acq: 12 Mar 2020 11:21

Instrument :

MSVOA_Y

ClientSampleId :

VY0312SBS01

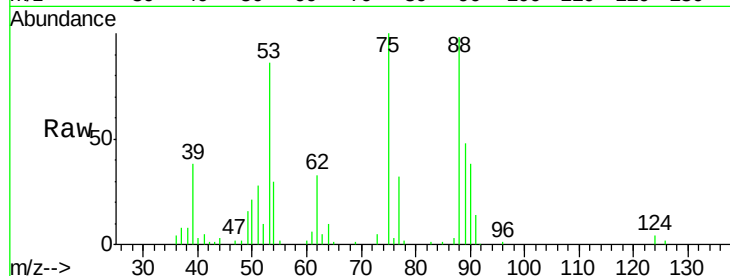
Tgt Ion: 75 Resp: 16775

Ion Ratio Lower Upper

75 100

53 86.6 65.4 98.0

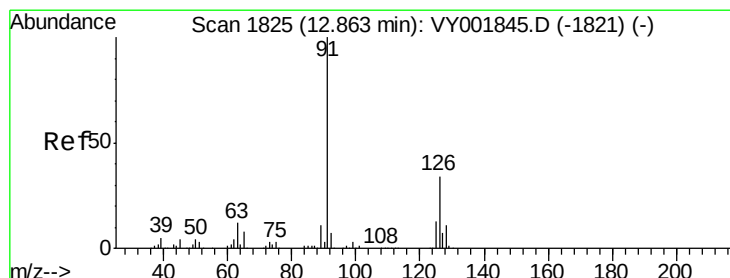
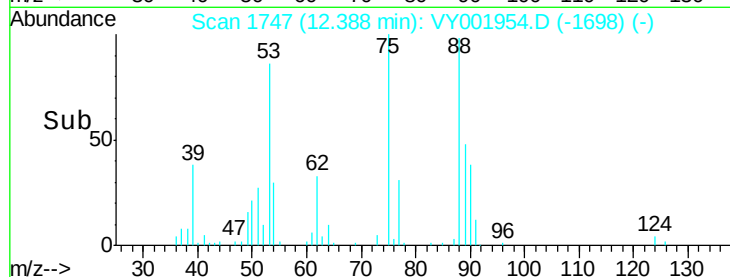
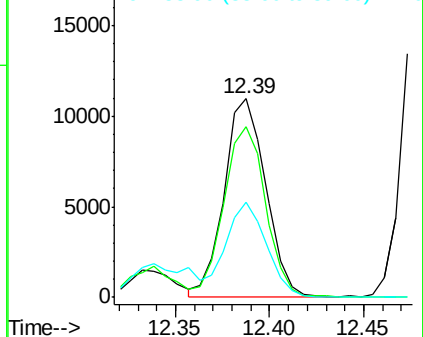
89 47.3 36.0 54.0



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: 20.51 ug/l

RT: 12.86 min Scan# 1825

Delta R.T. 0.00 min

Lab File: VY001954.D

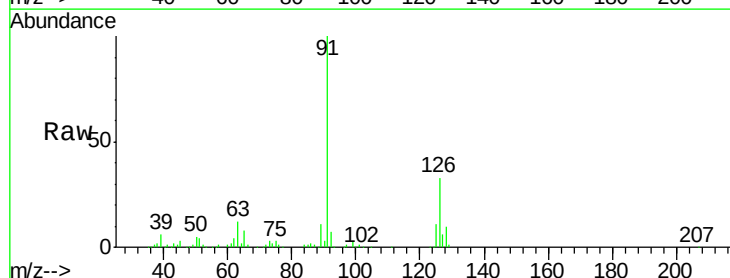
Acq: 12 Mar 2020 11:21

Tgt Ion: 91 Resp: 161472

Ion Ratio Lower Upper

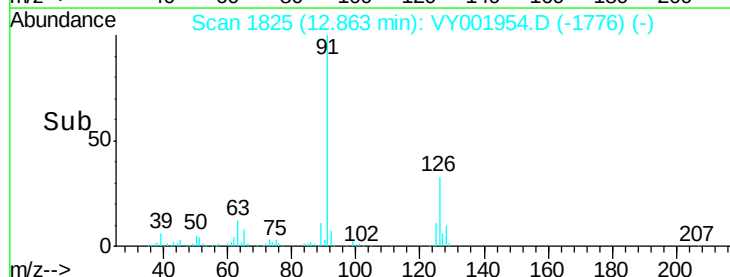
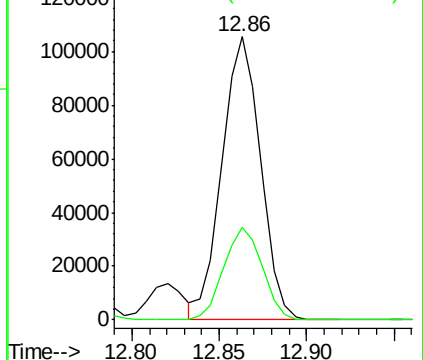
91 100

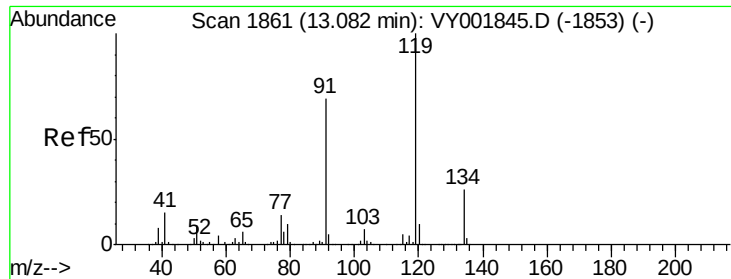
126 32.6 16.4 49.2



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V

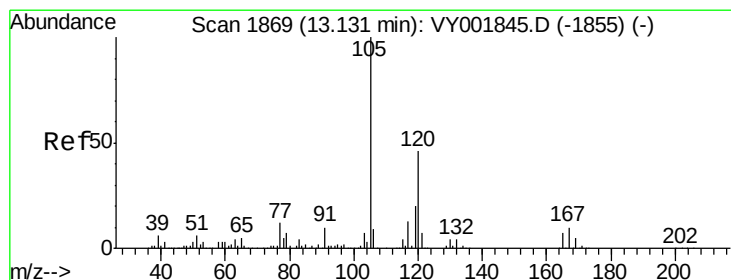
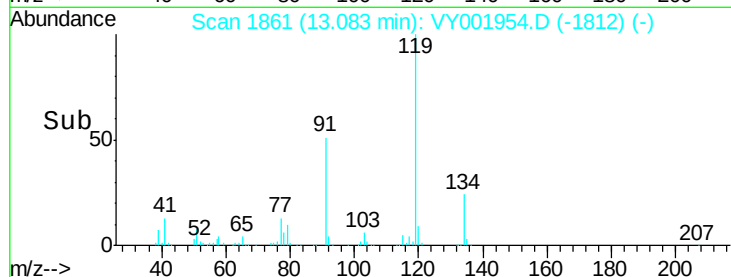
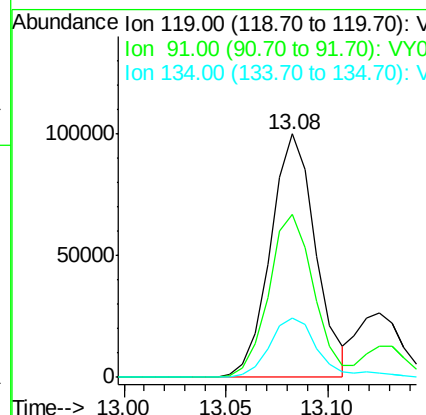
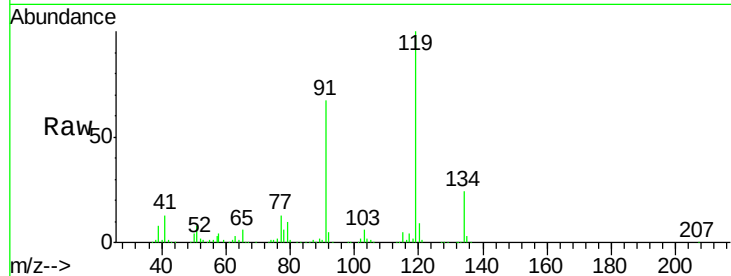




#83
 tert-Butylbenzene
 Concen: 20.35 ug/l
 RT: 13.08 min Scan# 1861
 Delta R.T. 0.00 min
 Lab File: VY001954.D
 Acq: 12 Mar 2020 11:21

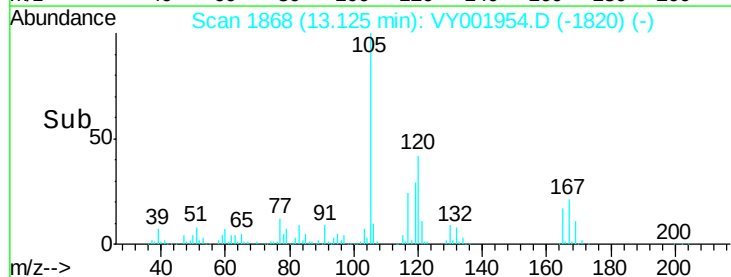
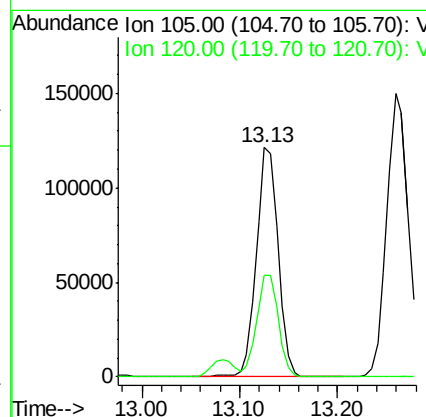
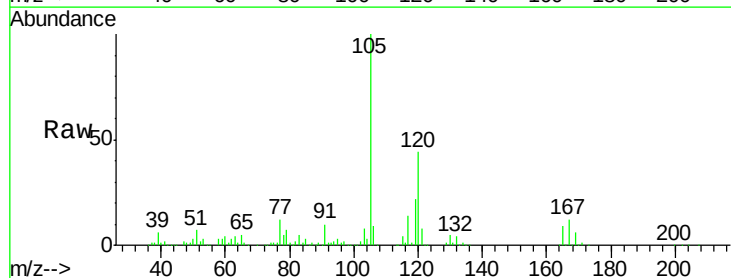
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0312SBS01

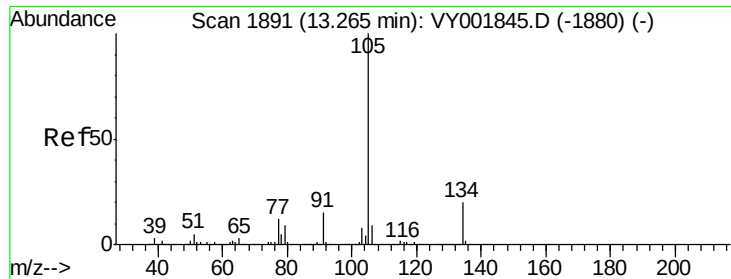
Tgt Ion:119 Resp: 154363
 Ion Ratio Lower Upper
 119 100
 91 67.4 34.0 101.8
 134 26.6 13.5 40.4



#84
 1,2,4-Trimethylbenzene
 Concen: 20.59 ug/l
 RT: 13.13 min Scan# 1868
 Delta R.T. -0.01 min
 Lab File: VY001954.D
 Acq: 12 Mar 2020 11:21

Tgt Ion:105 Resp: 186639
 Ion Ratio Lower Upper
 105 100
 120 44.5 22.6 67.7

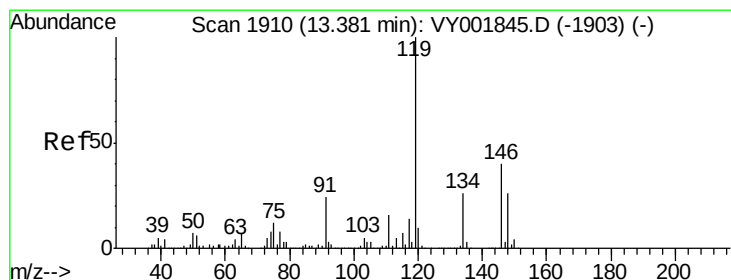
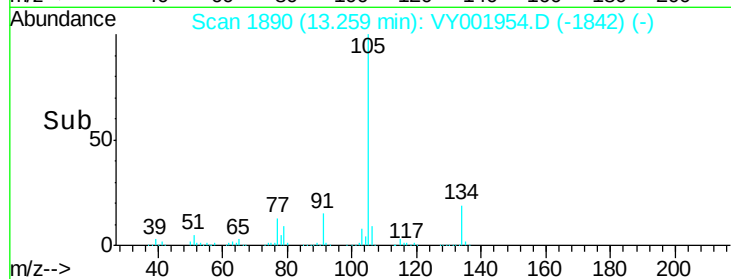
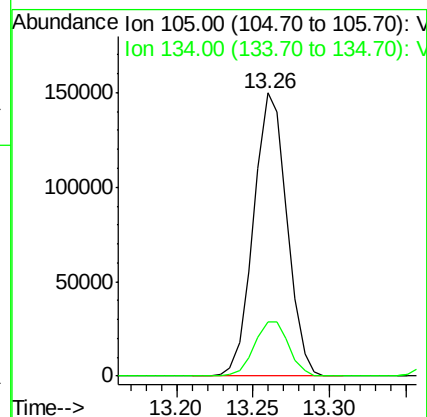
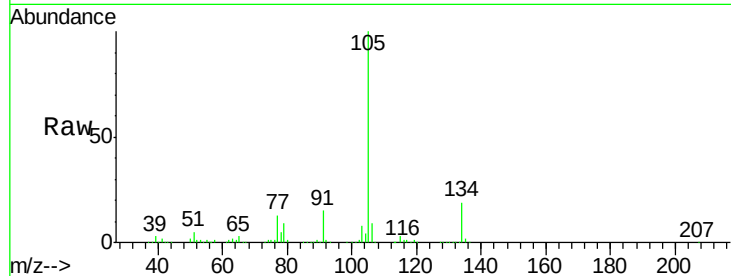




#85
 sec-Butylbenzene
 Concen: 20.36 ug/l
 RT: 13.26 min Scan# 1890
 Delta R.T. -0.01 min
 Lab File: VY001954.D
 Acq: 12 Mar 2020 11:21

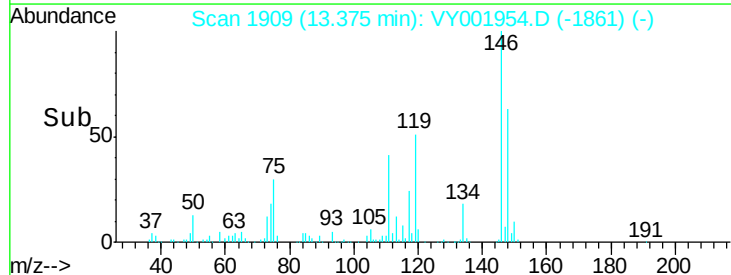
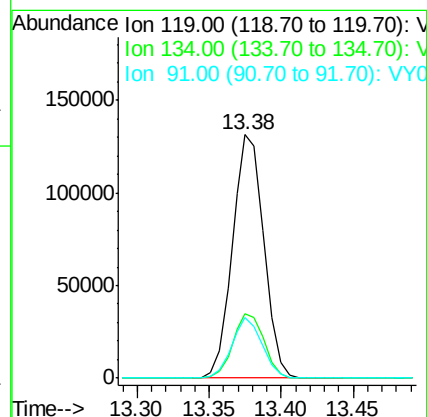
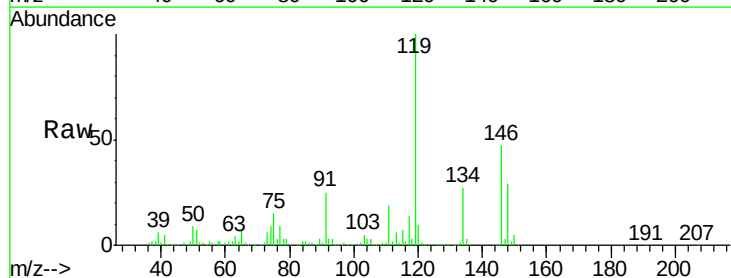
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0312SBS01

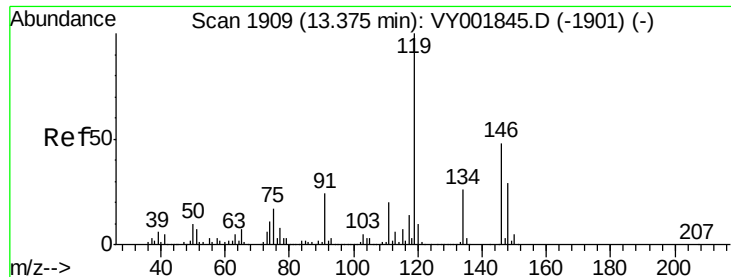
Tgt Ion:105 Resp: 227645
 Ion Ratio Lower Upper
 105 100
 134 19.8 9.7 29.1



#86
 p-Isopropyltoluene
 Concen: 20.65 ug/l
 RT: 13.38 min Scan# 1909
 Delta R.T. -0.01 min
 Lab File: VY001954.D
 Acq: 12 Mar 2020 11:21

Tgt Ion:119 Resp: 199155
 Ion Ratio Lower Upper
 119 100
 134 26.4 13.1 39.3
 91 24.0 11.9 35.7

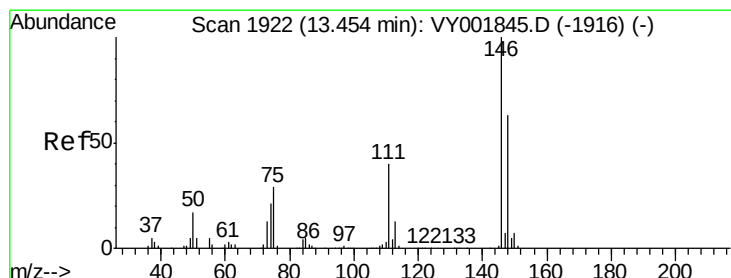
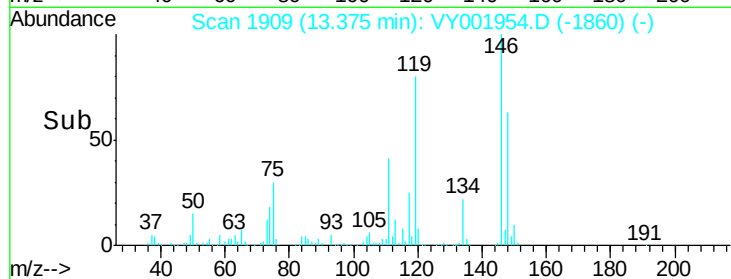
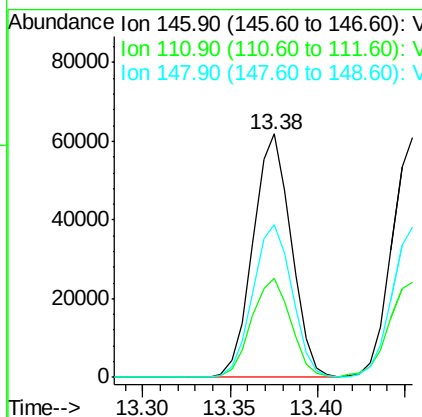
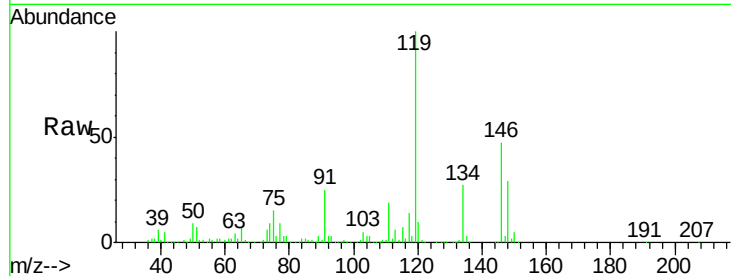




#87
 1,3-Dichlorobenzene
 Concen: 20.37 ug/l
 RT: 13.38 min Scan# 1909
 Delta R.T. 0.00 min
 Lab File: VY001954.D
 Acq: 12 Mar 2020 11:21

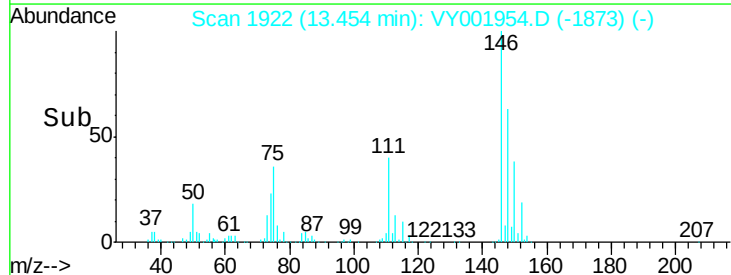
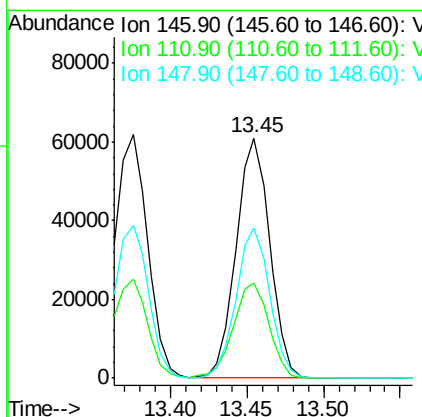
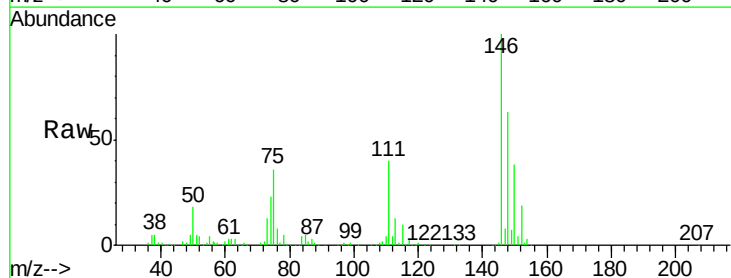
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0312SBS01

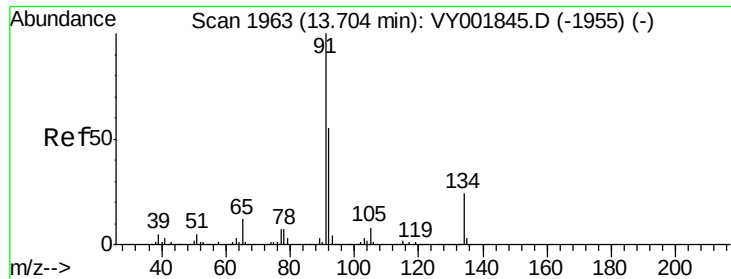
Tgt Ion:146 Resp: 93827
 Ion Ratio Lower Upper
 146 100
 111 42.0 20.8 62.5
 148 64.6 31.4 94.0



#88
 1,4-Dichlorobenzene
 Concen: 19.96 ug/l
 RT: 13.45 min Scan# 1922
 Delta R.T. 0.00 min
 Lab File: VY001954.D
 Acq: 12 Mar 2020 11:21

Tgt Ion:146 Resp: 93283
 Ion Ratio Lower Upper
 146 100
 111 42.0 20.0 60.0
 148 62.4 31.5 94.5

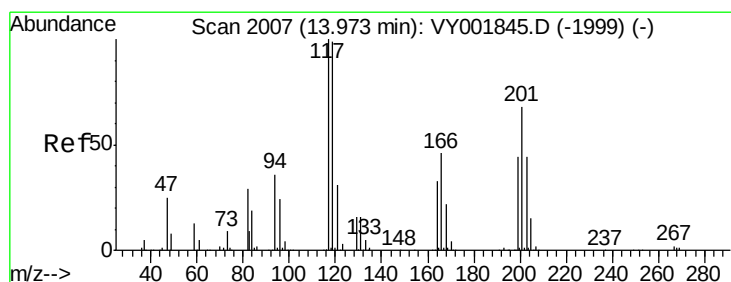
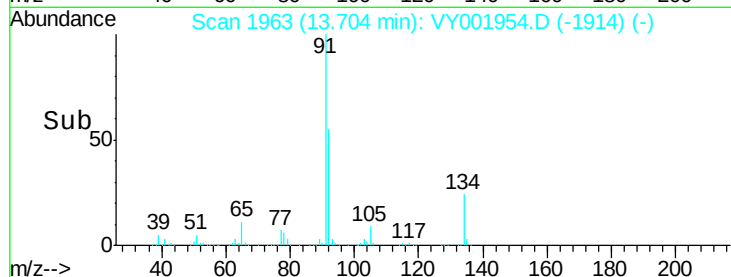
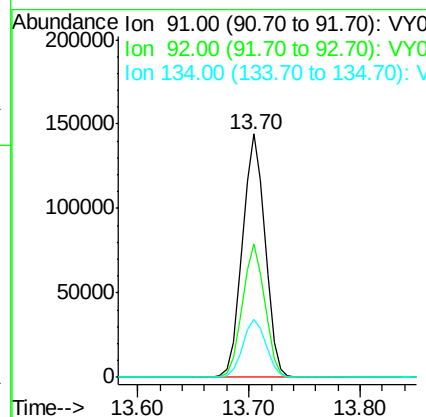
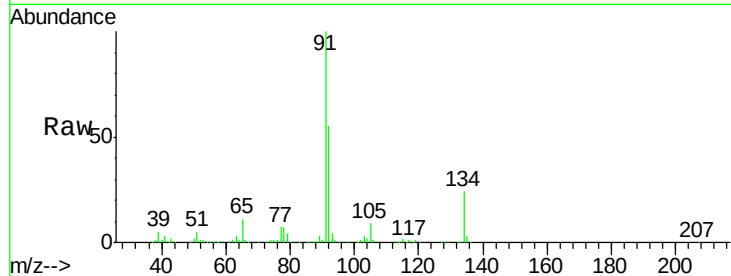




#89
n-Butylbenzene
Concen: 20.25 ug/l
RT: 13.70 min Scan# 1963
Delta R.T. 0.00 min
Lab File: VY001954.D
Acq: 12 Mar 2020 11:21

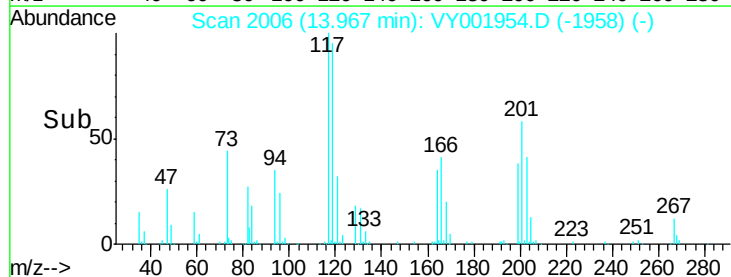
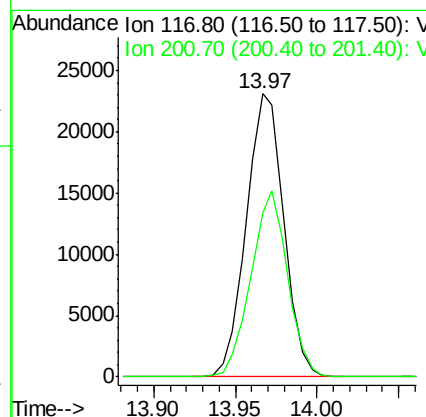
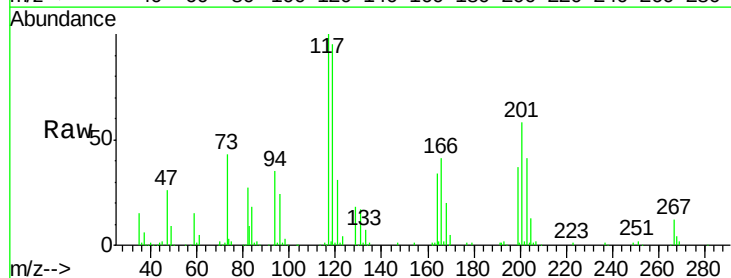
Instrument :
MSVOA_Y
ClientSampleId :
VY0312SBS01

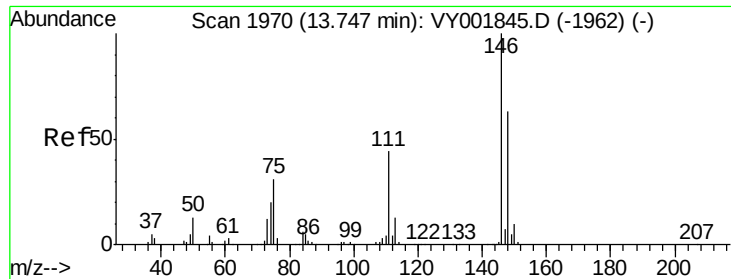
Tgt Ion: 91 Resp: 202669
Ion Ratio Lower Upper
91 100
92 54.2 27.5 82.4
134 24.4 12.5 37.5



#90
Hexachloroethane
Concen: 20.23 ug/l
RT: 13.97 min Scan# 2006
Delta R.T. -0.01 min
Lab File: VY001954.D
Acq: 12 Mar 2020 11:21

Tgt Ion: 117 Resp: 36821
Ion Ratio Lower Upper
117 100
201 64.5 32.5 97.5

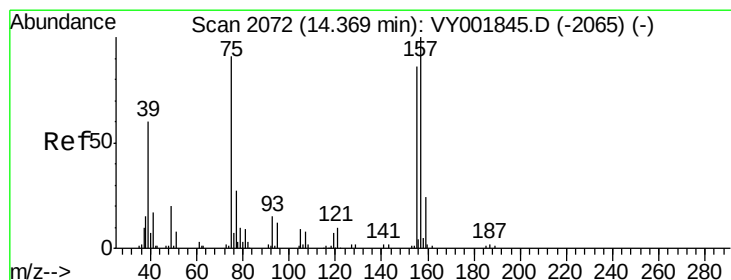
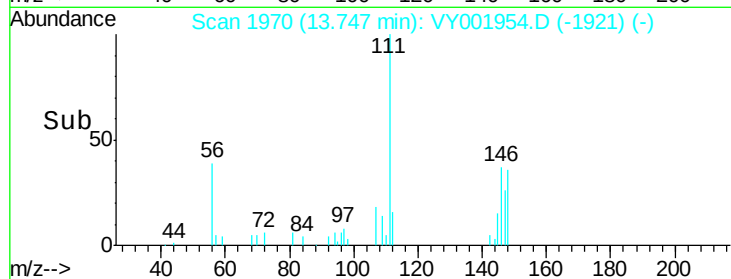
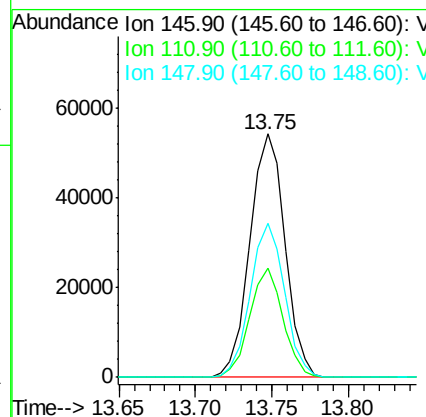
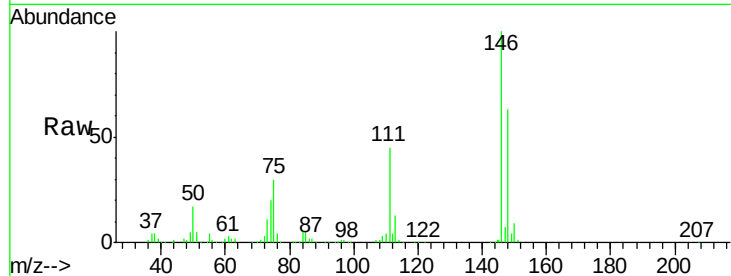




#91
 1,2-Dichlorobenzene
 Concen: 20.68 ug/l
 RT: 13.75 min Scan# 1970
 Delta R.T. 0.00 min
 Lab File: VY001954.D
 Acq: 12 Mar 2020 11:21

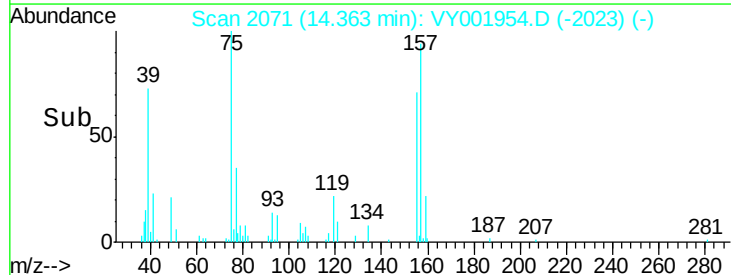
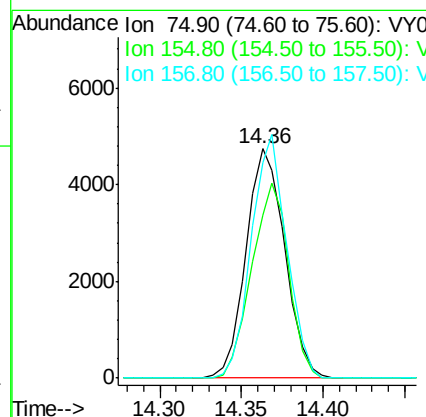
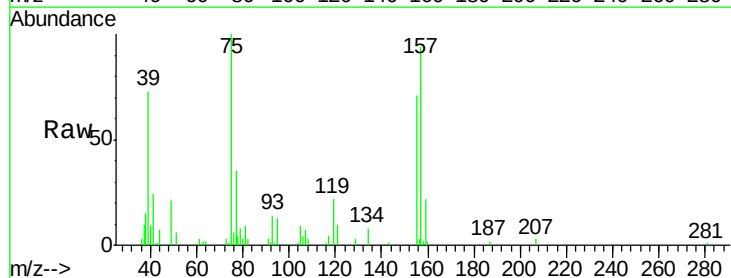
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0312SBS01

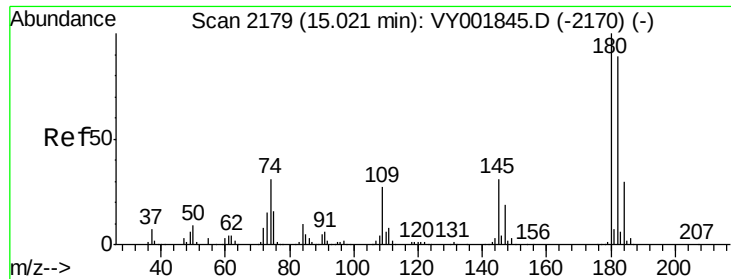
Tgt Ion: 146 Resp: 86553
 Ion Ratio Lower Upper
 146 100
 111 42.7 21.5 64.5
 148 62.1 32.0 96.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 21.00 ug/l
 RT: 14.36 min Scan# 2071
 Delta R.T. -0.01 min
 Lab File: VY001954.D
 Acq: 12 Mar 2020 11:21

Tgt Ion: 75 Resp: 7839
 Ion Ratio Lower Upper
 75 100
 155 80.7 42.9 128.7
 157 97.0 53.1 159.4

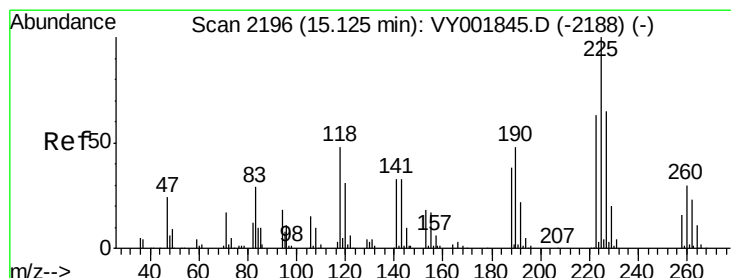
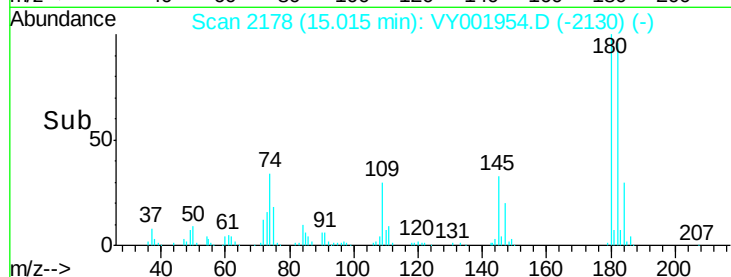
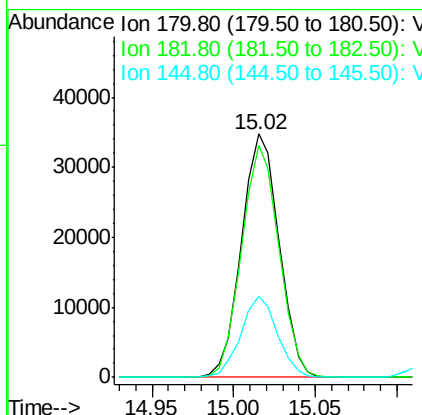
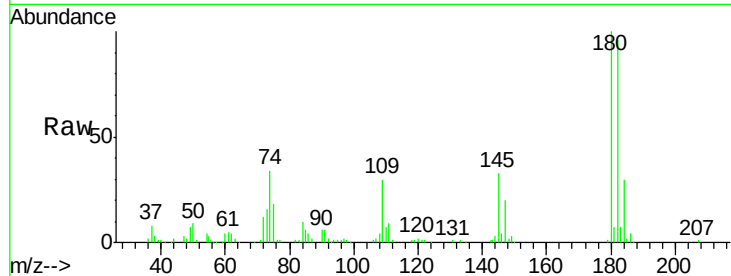




#93
 1,2,4-Trichlorobenzene
 Concen: 20.56 ug/l
 RT: 15.02 min Scan# 2178
 Delta R.T. -0.01 min
 Lab File: VY001954.D
 Acq: 12 Mar 2020 11:21

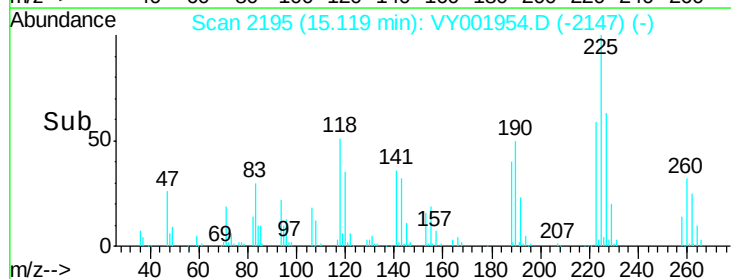
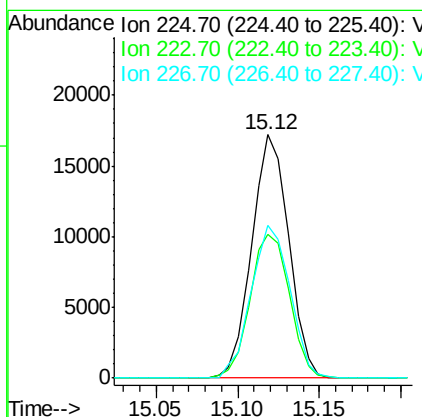
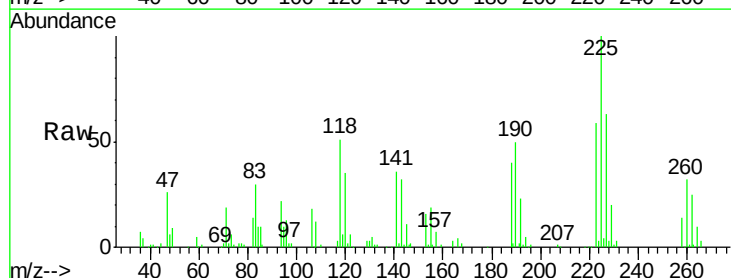
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0312SBS01

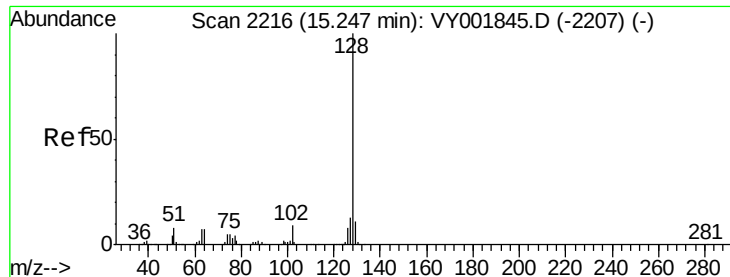
Tgt Ion:180 Resp: 55789
 Ion Ratio Lower Upper
 180 100
 182 94.6 46.1 138.3
 145 32.4 15.6 46.8



#94
 Hexachlorobutadiene
 Concen: 20.51 ug/l
 RT: 15.12 min Scan# 2195
 Delta R.T. -0.01 min
 Lab File: VY001954.D
 Acq: 12 Mar 2020 11:21

Tgt Ion:225 Resp: 27139
 Ion Ratio Lower Upper
 225 100
 223 62.8 31.5 94.5
 227 65.9 31.9 95.5

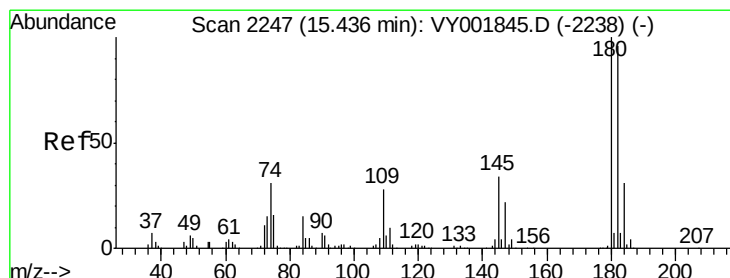
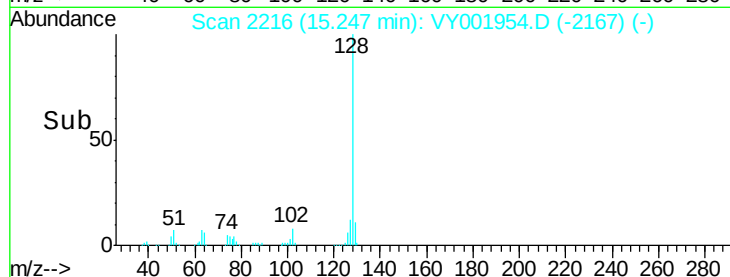
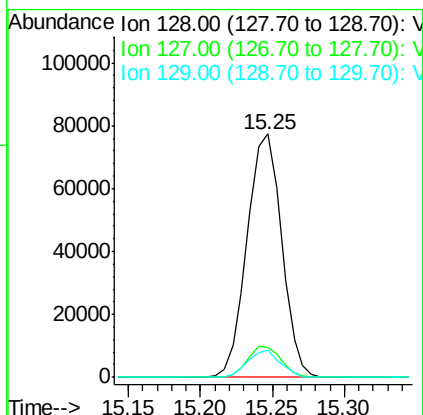
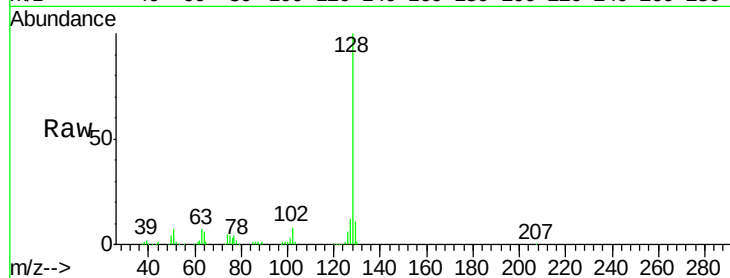




#95
Naphthalene
Concen: 19.98 ug/l
RT: 15.25 min Scan# 2216
Delta R.T. 0.00 min
Lab File: VY001954.D
Acq: 12 Mar 2020 11:21

Instrument :
MSVOA_Y
ClientSampleId :
VY0312SBS01

Tgt Ion:128 Resp: 128602
Ion Ratio Lower Upper
128 100
127 12.6 10.1 15.1
129 10.6 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 20.66 ug/l
RT: 15.44 min Scan# 2247
Delta R.T. 0.00 min
Lab File: VY001954.D
Acq: 12 Mar 2020 11:21

Tgt Ion:180 Resp: 49391
Ion Ratio Lower Upper
180 100
182 96.7 47.6 142.9
145 32.8 16.8 50.3

