

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY031220\
 Data File : VY001955.D
 Acq On : 12 Mar 2020 11:43
 Operator : SY/MD
 Sample : VY0312SBSD01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0312SBSD01

Quant Time: Mar 13 05:40:52 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	7.81	168	194556	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	350029	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	310928	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	144026	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	109753	52.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.68%	
35) Dibromofluoromethane	7.74	113	104027	54.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.86%	
50) Toluene-d8	10.19	98	420275	52.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.30%	
62) 4-Bromofluorobenzene	12.49	95	150762	53.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.60%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.91	85	34944	19.46	ug/l	95
3) Chloromethane	2.13	50	47577	19.65	ug/l	96
4) Vinyl Chloride	2.27	62	48449	19.67	ug/l	96
5) Bromomethane	2.66	94	31793	18.40	ug/l	100
6) Chloroethane	2.81	64	31024	20.05	ug/l	98
7) Trichlorofluoromethane	3.15	101	69413	20.78	ug/l	98
8) Diethyl Ether	3.55	74	25955	19.72	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.93	101	43651	20.32	ug/l	98
10) Methyl Iodide	4.12	142	50354	20.27	ug/l	99
11) Tert butyl alcohol	4.99	59	33483	145.47	ug/l #	93
12) 1,1-Dichloroethene	3.90	96	43706	20.21	ug/l	98
13) Acrolein	3.76	56	24033	82.34	ug/l	99
14) Allyl chloride	4.52	41	75134	19.59	ug/l	98
15) Acrylonitrile	5.20	53	65976	93.79	ug/l	99
16) Acetone	3.97	43	55662	92.01	ug/l	92
17) Carbon Disulfide	4.22	76	137363	18.89	ug/l	99
18) Methyl Acetate	4.51	43	29842	19.20	ug/l	99
19) Methyl tert-butyl Ether	5.25	73	120552	20.57	ug/l	100
20) Methylene Chloride	4.75	84	52274	20.16	ug/l	97
21) trans-1,2-Dichloroethene	5.25	96	48558	19.78	ug/l	96
22) Diisopropyl ether	6.16	45	156926	19.96	ug/l	92
23) Vinyl Acetate	6.10	43	496037	96.26	ug/l	96
24) 1,1-Dichloroethane	6.05	63	85297	20.04	ug/l	98
25) 2-Butanone	7.02	43	87102	94.68	ug/l	96
26) 2,2-Dichloropropane	7.01	77	74743	21.39	ug/l	99
27) cis-1,2-Dichloroethene	7.02	96	53464	20.02	ug/l	99
28) Bromochloromethane	7.36	49	36490	19.02	ug/l	97
29) Tetrahydrofuran	7.38	42	55669	91.12	ug/l	99
30) Chloroform	7.53	83	82034	20.51	ug/l	97
31) Cyclohexane	7.80	56	87417	19.15	ug/l	95
32) 1,1,1-Trichloroethane	7.72	97	70582	20.94	ug/l	99
36) 1,1-Dichloropropene	7.94	75	67764	20.12	ug/l	99
37) Ethyl Acetate	7.10	43	39600	20.23	ug/l	98
38) Carbon Tetrachloride	7.92	117	59497	20.68	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	89661	20.07	ug/l	96
40) Benzene	8.18	78	197158	19.75	ug/l	100
41) Methacrylonitrile	7.37	41	50535	57.36	ug/l #	1
42) 1,2-Dichloroethane	8.25	62	53592	20.83	ug/l	100
43) Isopropyl Acetate	8.29	43	72030	19.43	ug/l	99
44) Trichloroethene	8.96	130	50195	20.64	ug/l	96
45) 1,2-Dichloropropane	9.23	63	49954	19.90	ug/l	99
46) Dibromomethane	9.31	93	25477	19.70	ug/l	99
47) Bromodichloromethane	9.51	83	62395	20.74	ug/l	98
48) Methyl methacrylate	9.30	41	31690	19.27	ug/l	94
49) 1,4-Dioxane	9.31	88	6596	372.20	ug/l	96
51) 4-Methyl-2-Pentanone	10.08	43	186266	97.57	ug/l	99
52) Toluene	10.25	92	122371	20.18	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	67760	20.67	ug/l	93
54) cis-1,3-Dichloropropene	9.94	75	79761	20.44	ug/l	99
55) 1,1,2-Trichloroethane	10.66	97	38118	20.14	ug/l	95
56) Ethyl methacrylate	10.52	69	54263	19.56	ug/l	96
57) 1,3-Dichloropropane	10.80	76	66987	19.85	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.80	63	142086	131.23	ug/l	99
59) 2-Hexanone	10.84	43	126203	92.62	ug/l	100
60) Dibromochloromethane	10.99	129	40288	20.20	ug/l	99
61) 1,2-Dibromoethane	11.10	107	35474	19.79	ug/l	99
64) Tetrachloroethene	10.73	164	41091	21.07	ug/l	95
65) Chlorobenzene	11.52	112	125056	20.19	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.60	131	42058	20.70	ug/l	99
67) Ethyl Benzene	11.60	91	234354	20.28	ug/l	99
68) m/p-Xylenes	11.71	106	175822	41.16	ug/l	100
69) o-Xylene	12.03	106	81980	20.36	ug/l	98
70) Styrene	12.05	104	141284	20.49	ug/l	99
71) Bromoform	12.22	173	21933	19.91	ug/l #	100
73) Isopropylbenzene	12.34	105	221845	20.18	ug/l	99
74) N-amyl acetate	12.15	43	64175	18.99	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.59	83	46206	19.49	ug/l	99
76) 1,2,3-Trichloropropane	12.64	75	61114	35.76	ug/l #	100
77) Bromobenzene	12.61	156	48069	20.64	ug/l	96
78) n-propylbenzene	12.68	91	274415	20.23	ug/l	99
79) 2-Chlorotoluene	12.77	91	153336	20.46	ug/l	99
80) 1,3,5-Trimethylbenzene	12.82	105	187294	20.69	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.39	75	16905	19.98	ug/l	97
82) 4-Chlorotoluene	12.86	91	161614	20.71	ug/l	99
83) tert-Butylbenzene	13.08	119	155422	20.67	ug/l	99
84) 1,2,4-Trimethylbenzene	13.13	105	185545	20.66	ug/l	98
85) sec-Butylbenzene	13.26	105	228597	20.63	ug/l	99
86) p-Isopropyltoluene	13.38	119	199936	20.92	ug/l	99
87) 1,3-Dichlorobenzene	13.38	146	92872	20.35	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	92542	19.98	ug/l	97
89) n-Butylbenzene	13.70	91	203172	20.49	ug/l	99
90) Hexachloroethane	13.97	117	36743	20.38	ug/l	100
91) 1,2-Dichlorobenzene	13.75	146	85674	20.66	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.36	75	7495	20.26	ug/l	91

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Quant Title : SW846 8260
QLast Update : Thu Mar 05 04:05:33 2020
Response via : Initial Calibration

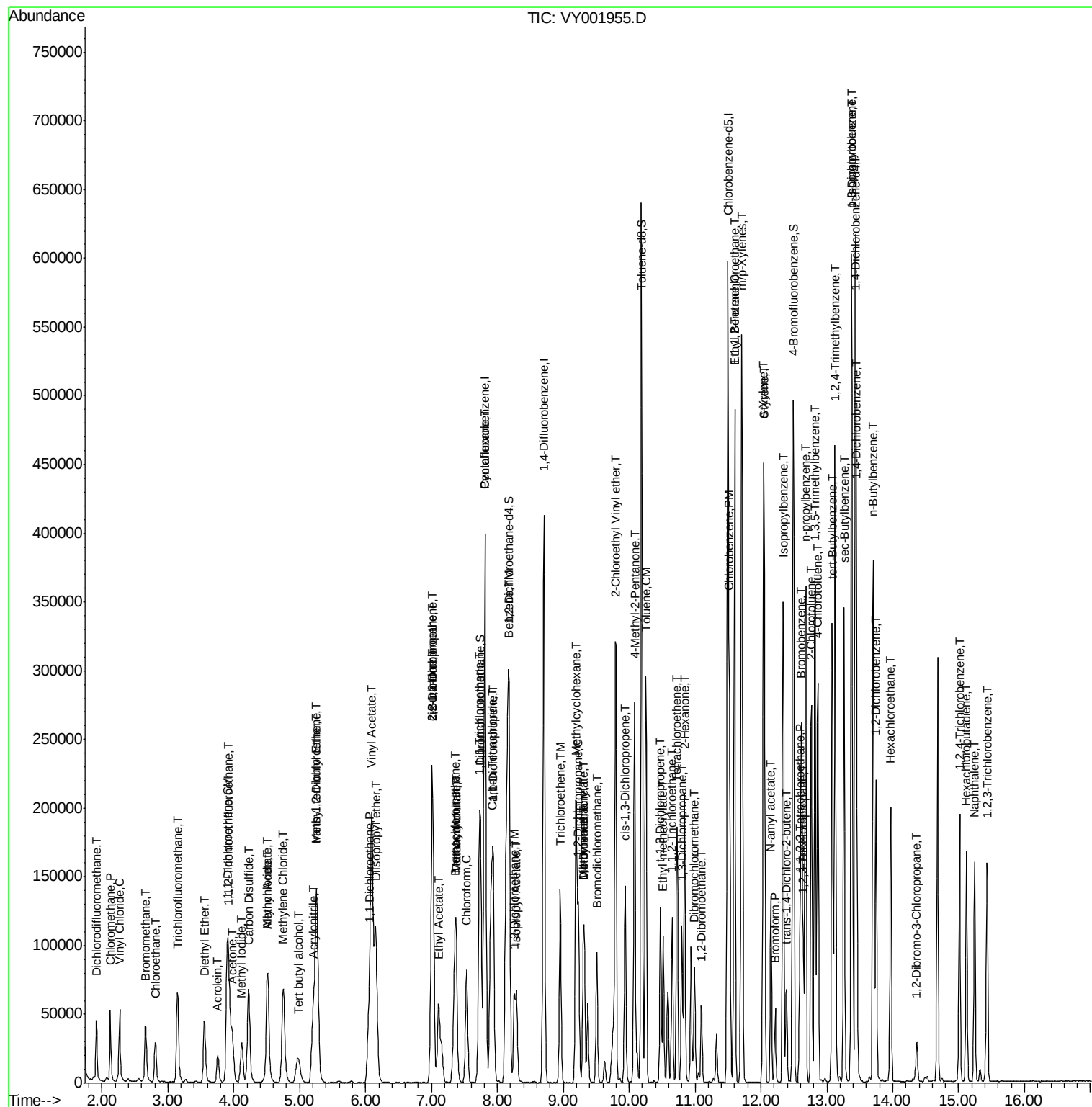
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	56571	21.04	ug/l	99
94) Hexachlorobutadiene	15.12	225	27408	20.90	ug/l	99
95) Naphthalene	15.24	128	123940	19.43	ug/l	99
96) 1,2,3-Trichlorobenzene	15.44	180	48345	20.41	ug/l	100

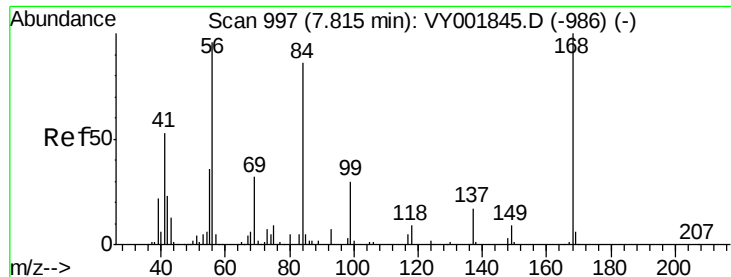
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_Y\DATA\VY031220\
 Data File : VY001955.D
 Acq On : 12 Mar 2020 11:43
 Operator : SY/MD
 Sample : VY0312SBSD01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.81 min Scan# 996

Delta R.T. -0.01 min

Lab File: VY001955.D

Acq: 12 Mar 2020 11:43

Instrument :

MSVOA_Y

ClientSampleId :

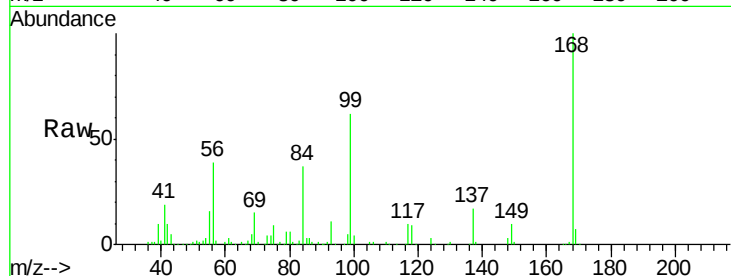
VY0312SBSD01

Tgt Ion:168 Resp: 194556

Ion Ratio Lower Upper

168 100

99 62.5 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) (-)

7.81

80000

60000

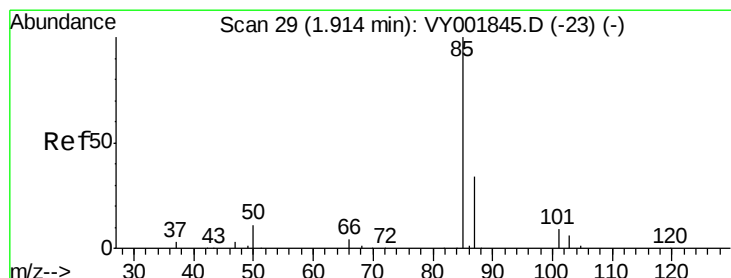
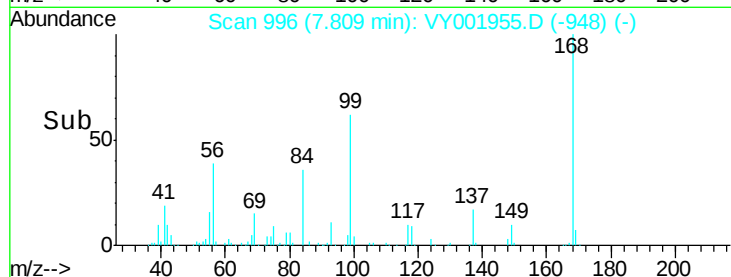
40000

20000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 19.46 ug/l

RT: 1.91 min Scan# 29

Delta R.T. 0.00 min

Lab File: VY001955.D

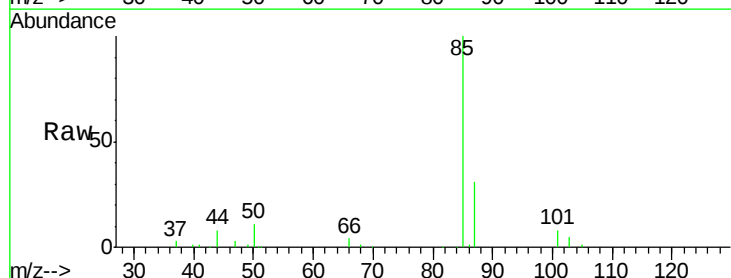
Acq: 12 Mar 2020 11:43

Tgt Ion: 85 Resp: 34944

Ion Ratio Lower Upper

85 100

87 30.8 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

30000

25000

20000

15000

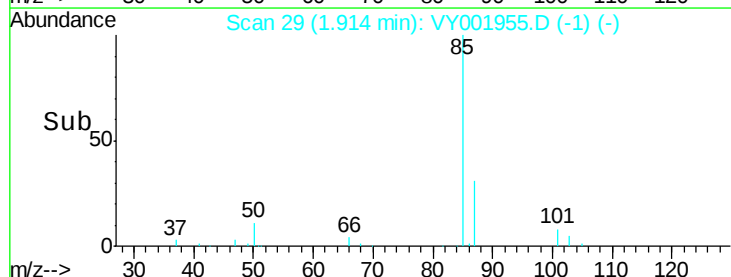
10000

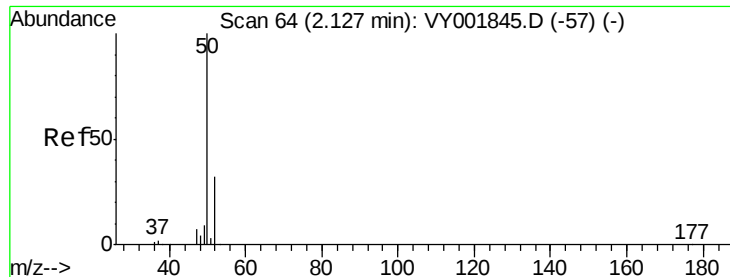
5000

0

1.85 1.90 1.95 2.00 2.05

Time-->





#3

Chloromethane

Concen: 19.65 ug/l

RT: 2.13 min Scan# 64

Delta R.T. 0.00 min

Lab File: VY001955.D

Acq: 12 Mar 2020 11:43

Instrument :

MSVOA_Y

ClientSampleId :

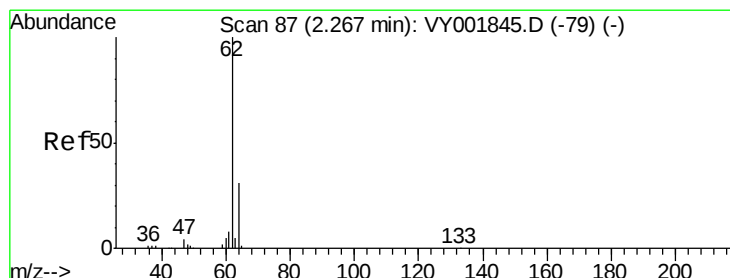
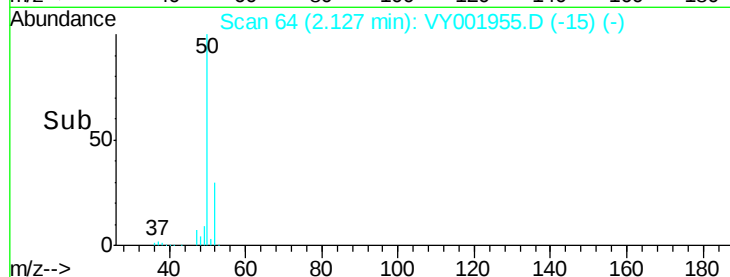
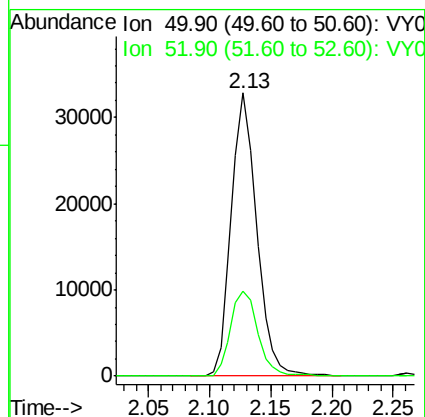
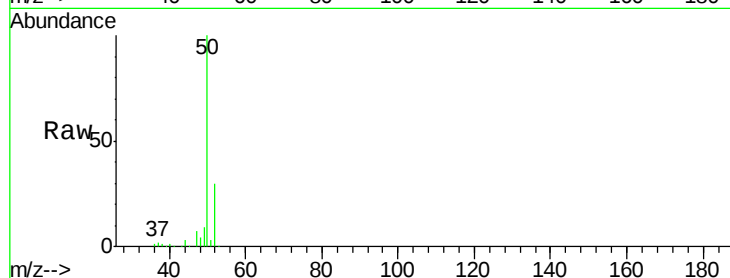
VY0312SBSD01

Tgt Ion: 50 Resp: 47577

Ion Ratio Lower Upper

50 100

52 30.0 25.8 38.6



#4

Vinyl Chloride

Concen: 19.67 ug/l

RT: 2.27 min Scan# 87

Delta R.T. 0.00 min

Lab File: VY001955.D

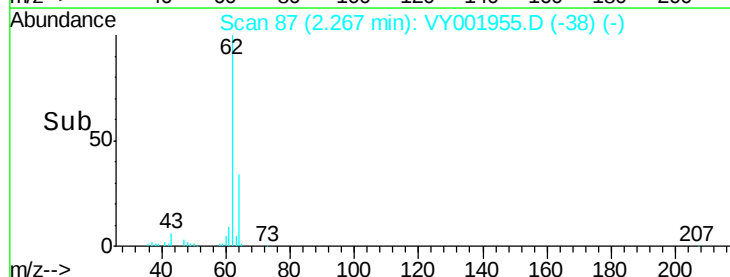
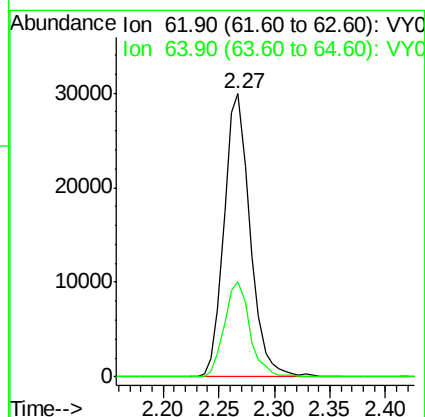
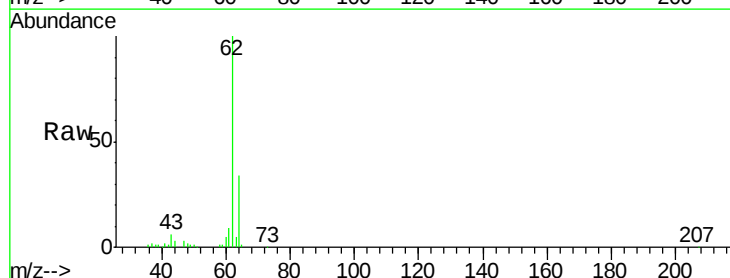
Acq: 12 Mar 2020 11:43

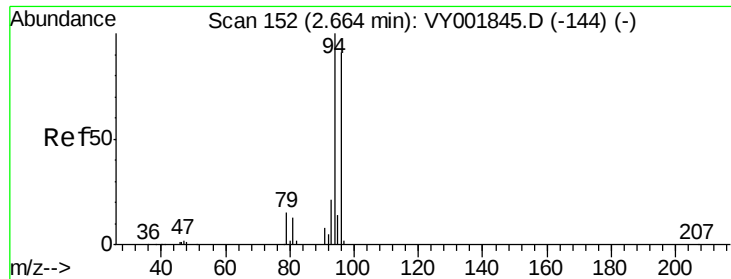
Tgt Ion: 62 Resp: 48449

Ion Ratio Lower Upper

62 100

64 33.6 25.1 37.7





#5

Bromomethane

Concen: 18.40 ug/l

RT: 2.66 min Scan# 152

Delta R.T. 0.00 min

Lab File: VY001955.D

Acq: 12 Mar 2020 11:43

Instrument :

MSVOA_Y

ClientSampleId :

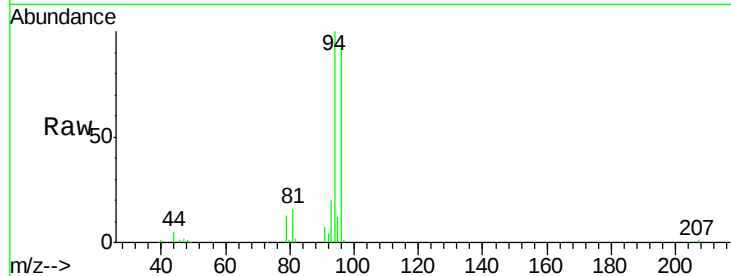
VY0312SBSD01

Tgt Ion: 94 Resp: 31793

Ion Ratio Lower Upper

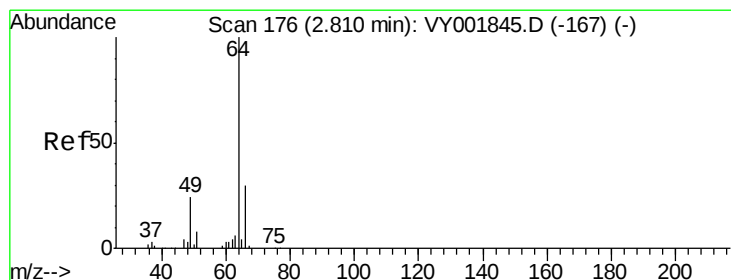
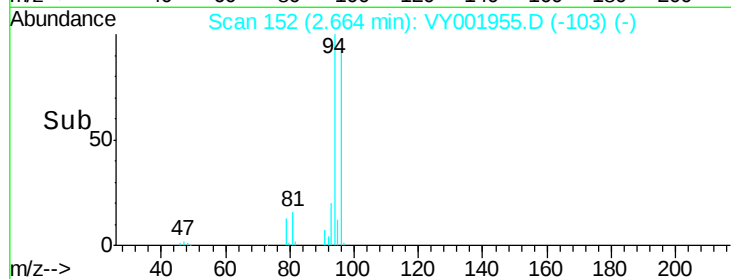
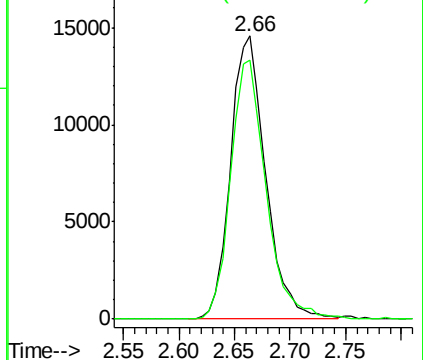
94 100

96 91.7 73.2 109.8



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 20.05 ug/l

RT: 2.81 min Scan# 176

Delta R.T. 0.00 min

Lab File: VY001955.D

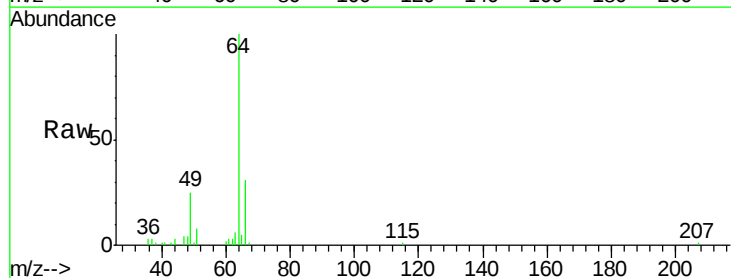
Acq: 12 Mar 2020 11:43

Tgt Ion: 64 Resp: 31024

Ion Ratio Lower Upper

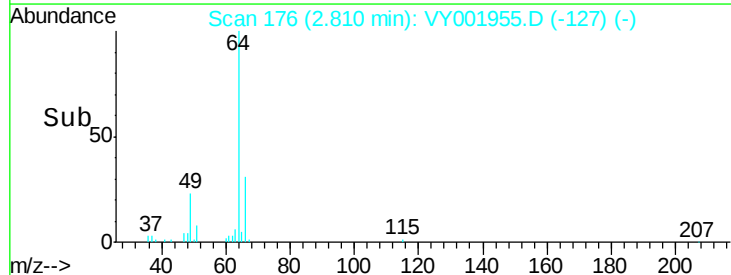
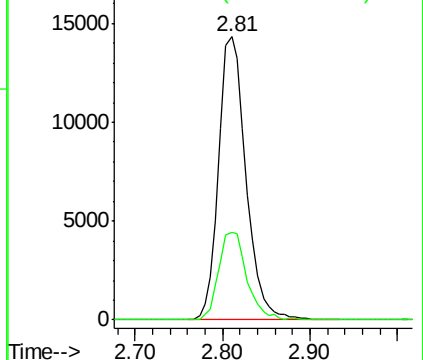
64 100

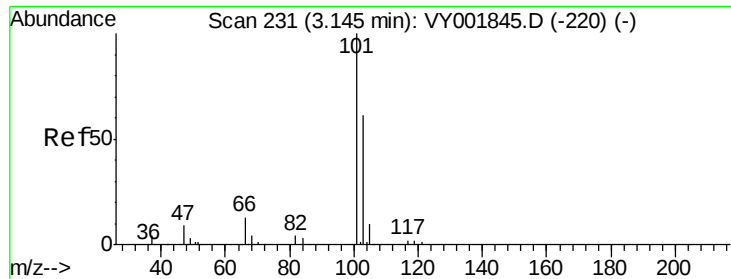
66 31.0 23.8 35.8



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0



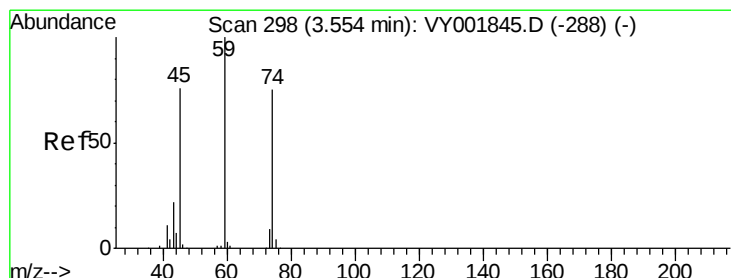
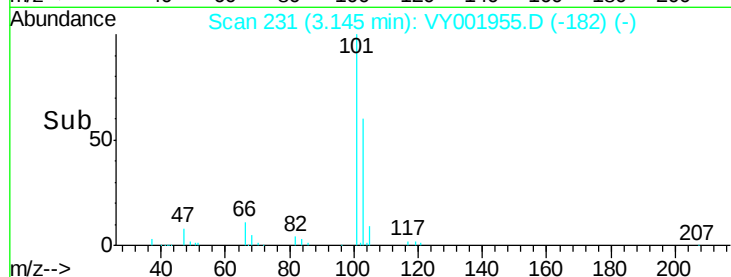
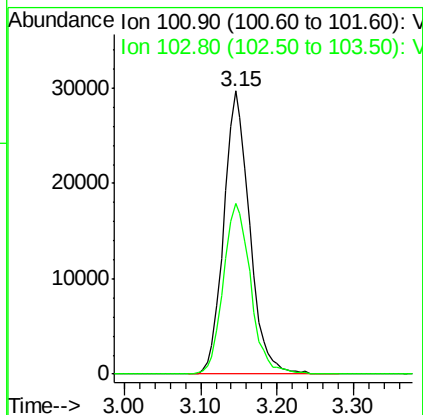
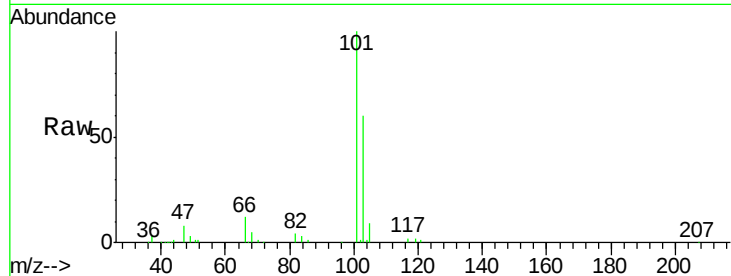


#7

Trichlorofluoromethane
 Concen: 20.78 ug/l
 RT: 3.15 min Scan# 231
 Delta R.T. 0.00 min
 Lab File: VY001955.D
 Acq: 12 Mar 2020 11:43

Instrument :
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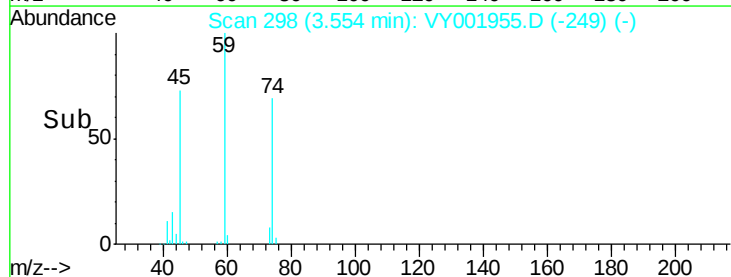
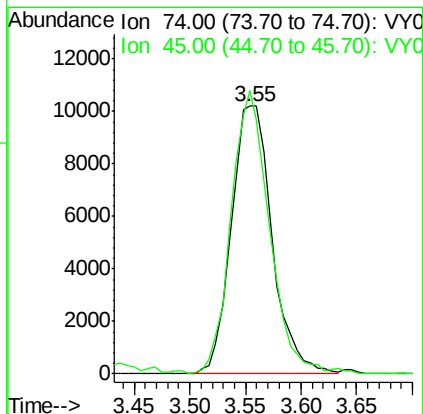
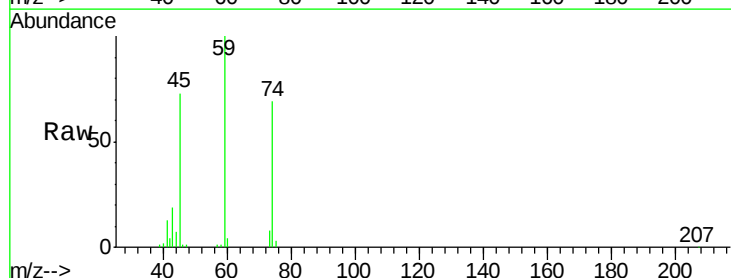
Tgt Ion:101 Resp: 69413
 Ion Ratio Lower Upper
 101 100
 103 60.1 49.1 73.7

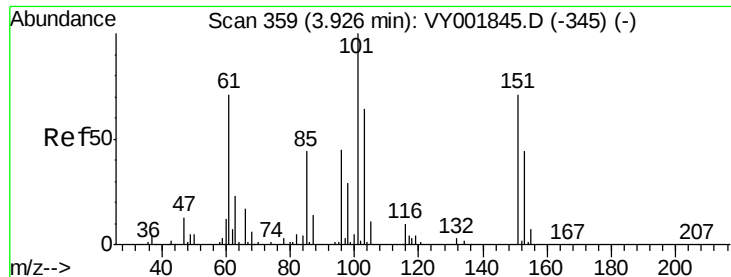


#8

Diethyl Ether
 Concen: 19.72 ug/l
 RT: 3.55 min Scan# 298
 Delta R.T. 0.00 min
 Lab File: VY001955.D
 Acq: 12 Mar 2020 11:43

Tgt Ion: 74 Resp: 25955
 Ion Ratio Lower Upper
 74 100
 45 99.8 50.5 151.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.32 ug/l

RT: 3.93 min Scan# 359

Delta R.T. 0.00 min

Lab File: VY001955.D

Acq: 12 Mar 2020 11:43

Instrument :

MSVOA_Y

ClientSampleId :

VY0312SBS01

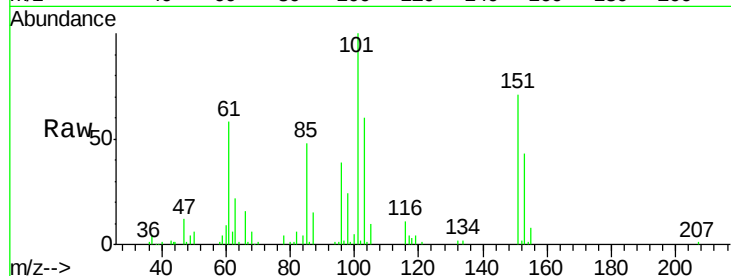
Tgt Ion:101 Resp: 43651

Ion Ratio Lower Upper

101 100

85 45.9 35.3 52.9

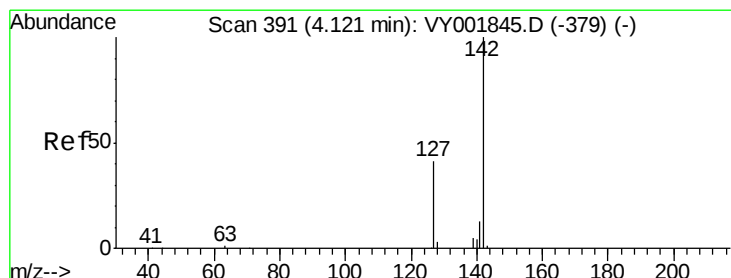
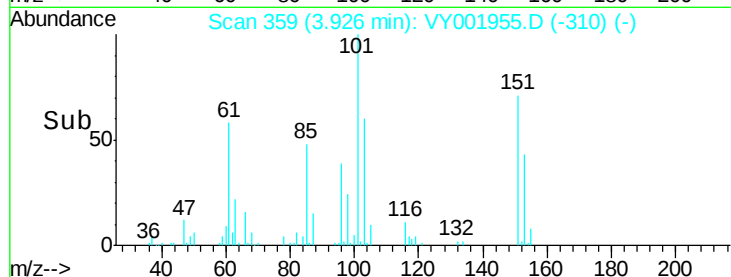
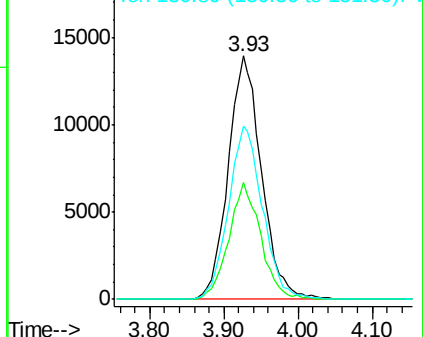
151 72.6 57.0 85.4



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: 20.27 ug/l

RT: 4.12 min Scan# 391

Delta R.T. 0.00 min

Lab File: VY001955.D

Acq: 12 Mar 2020 11:43

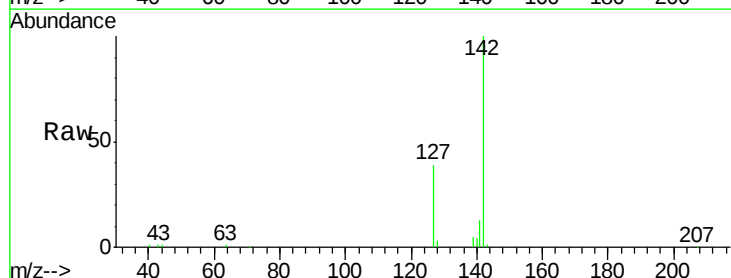
Tgt Ion:142 Resp: 50354

Ion Ratio Lower Upper

142 100

127 40.4 32.7 49.1

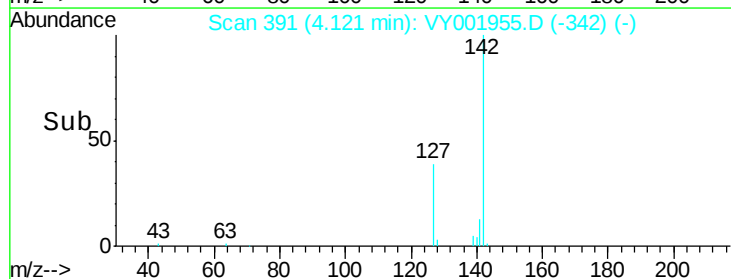
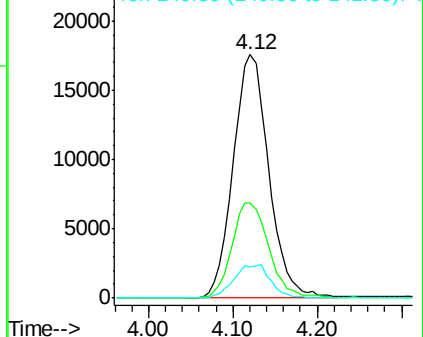
141 14.1 11.0 16.6

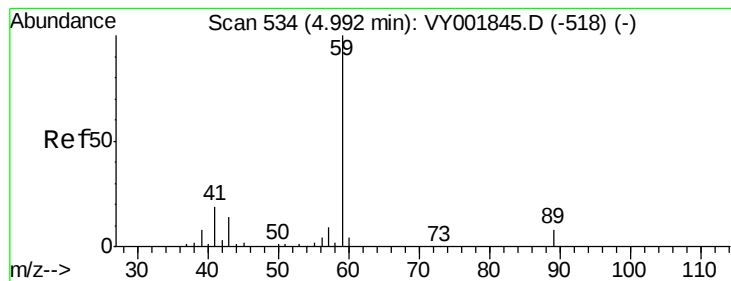


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



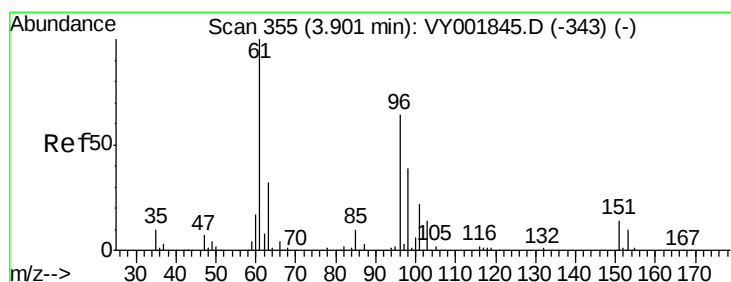
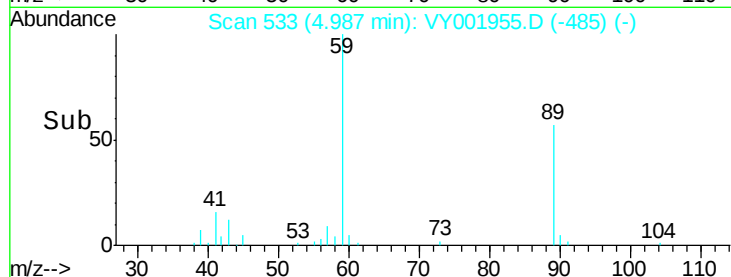
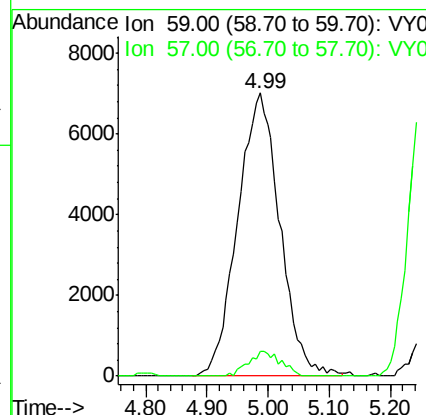
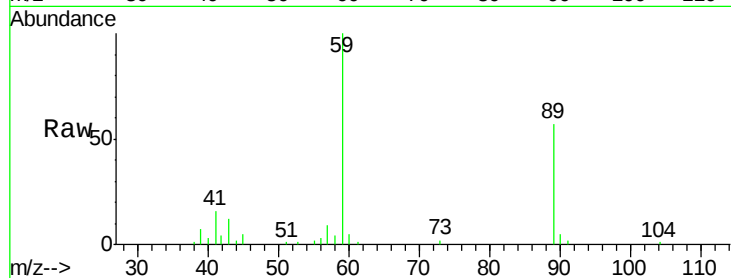


#11

Tert butyl alcohol
 Concen: 145.47 ug/l
 RT: 4.99 min Scan# 533
 Delta R.T. -0.01 min
 Lab File: VY001955.D
 Acq: 12 Mar 2020 11:43

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0312SBS01

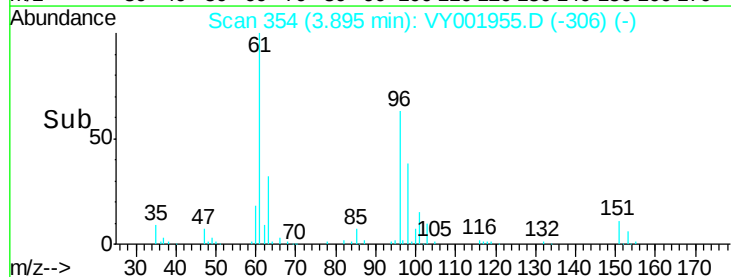
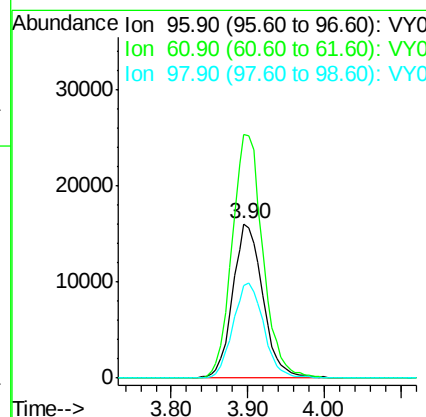
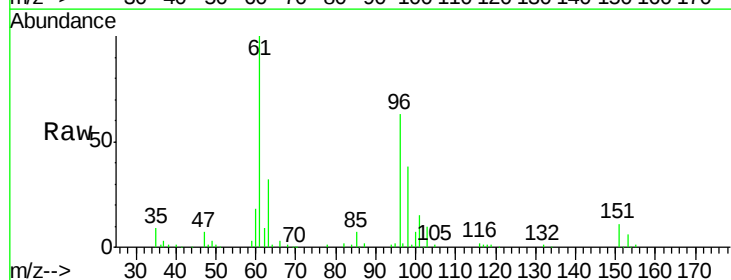
Tgt Ion: 59 Resp: 33483
 Ion Ratio Lower Upper
 59 100
 57 6.8 7.4 11.2#

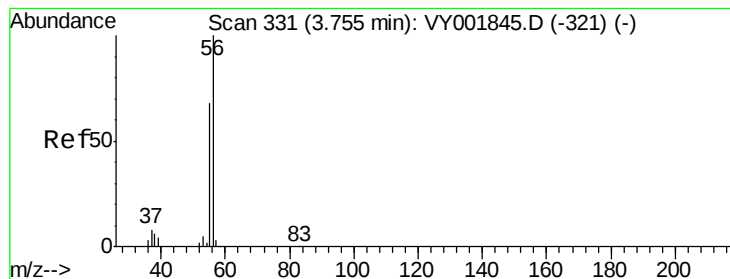


#12

1,1-Dichloroethene
 Concen: 20.21 ug/l
 RT: 3.90 min Scan# 354
 Delta R.T. -0.01 min
 Lab File: VY001955.D
 Acq: 12 Mar 2020 11:43

Tgt Ion: 96 Resp: 43706
 Ion Ratio Lower Upper
 96 100
 61 157.9 124.8 187.2
 98 59.9 49.2 73.8





#13

Acrolein

Concen: 82.34 ug/l

RT: 3.76 min Scan# 331

Delta R.T. 0.00 min

Lab File: VY001955.D

Acq: 12 Mar 2020 11:43

Instrument :

MSVOA_Y

ClientSampleId :

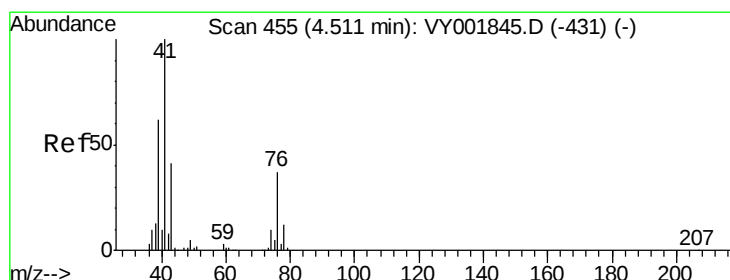
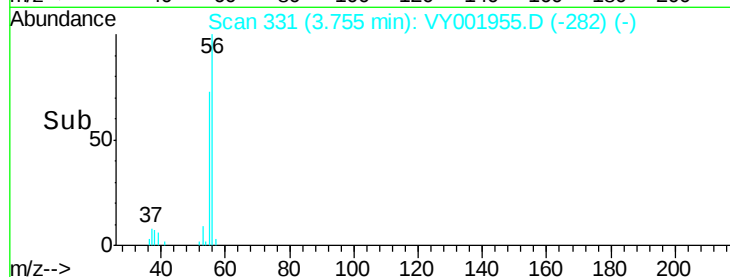
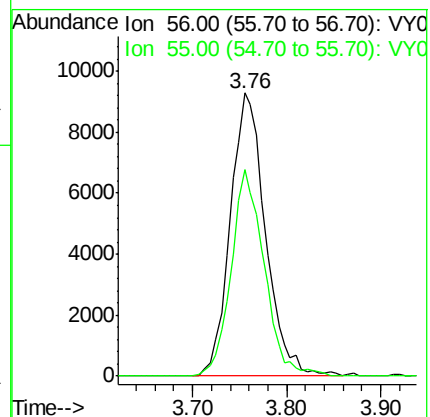
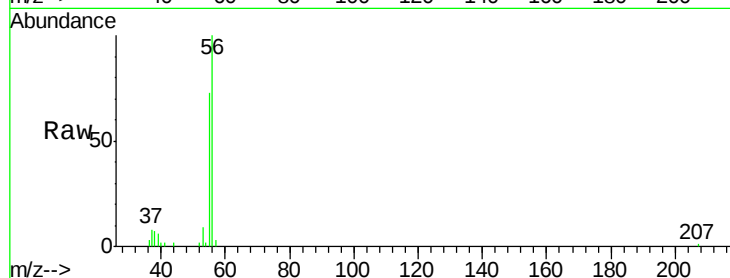
VY0312SBS01

Tgt Ion: 56 Resp: 24033

Ion Ratio Lower Upper

56 100

55 68.7 54.0 81.0



#14

Allyl chloride

Concen: 19.59 ug/l

RT: 4.52 min Scan# 456

Delta R.T. 0.01 min

Lab File: VY001955.D

Acq: 12 Mar 2020 11:43

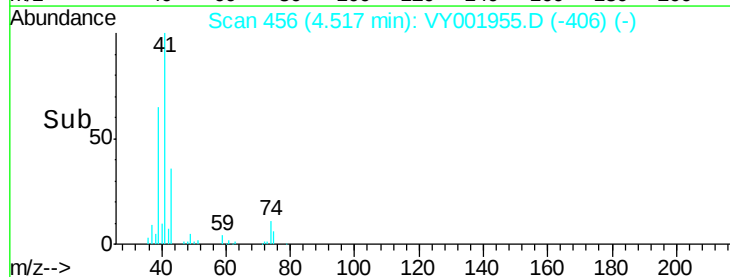
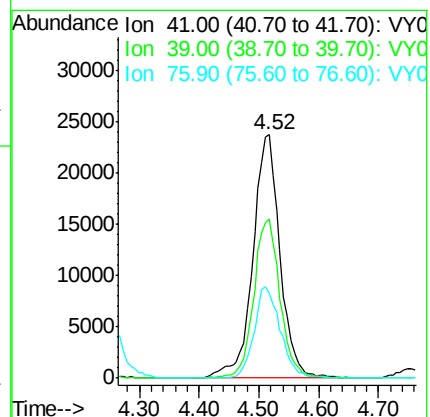
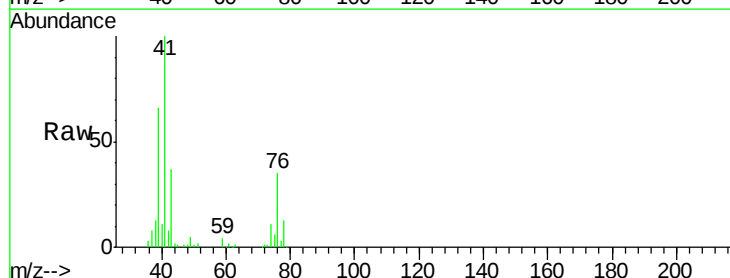
Tgt Ion: 41 Resp: 75134

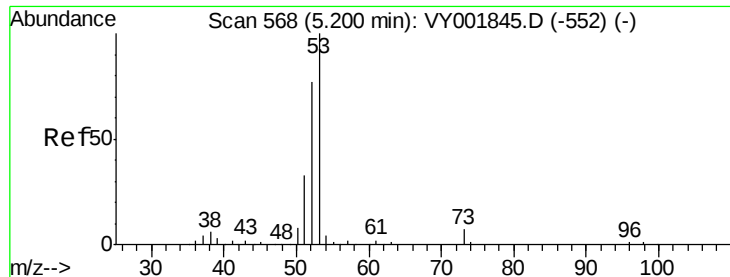
Ion Ratio Lower Upper

41 100

39 63.3 49.0 73.6

76 35.8 28.9 43.3





#15

Acrylonitrile

Concen: 93.79 ug/l

RT: 5.20 min Scan# 568

Delta R.T. 0.00 min

Lab File: VY001955.D

Acq: 12 Mar 2020 11:43

Instrument :

MSVOA_Y

ClientSampleId :

VY0312SBS01

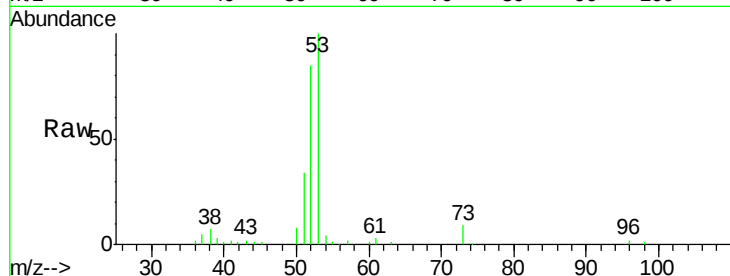
Tgt Ion: 53 Resp: 65976

Ion Ratio Lower Upper

53 100

52 82.1 65.1 97.7

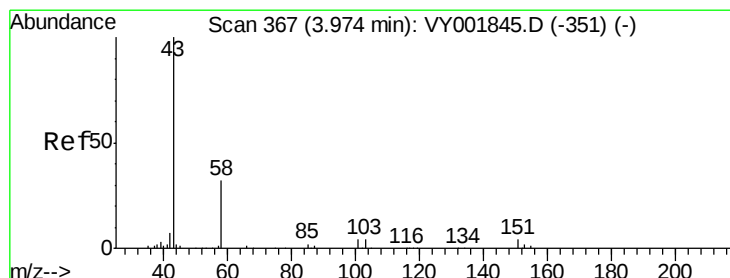
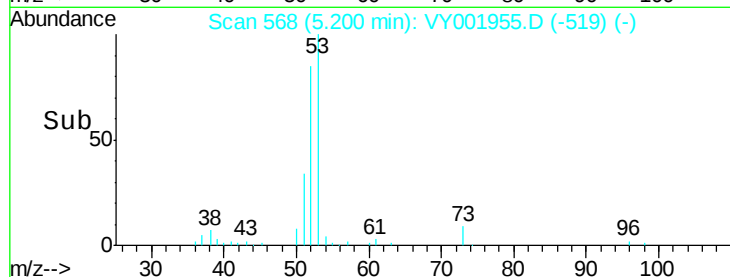
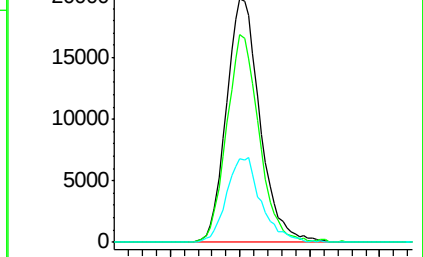
51 35.7 27.5 41.3



Abundance Ion 53.00 (52.70 to 53.70): VY0

Ion 52.00 (51.70 to 52.70): VY0

Ion 51.00 (50.70 to 51.70): VY0



#16

Acetone

Concen: 92.01 ug/l

RT: 3.97 min Scan# 367

Delta R.T. 0.00 min

Lab File: VY001955.D

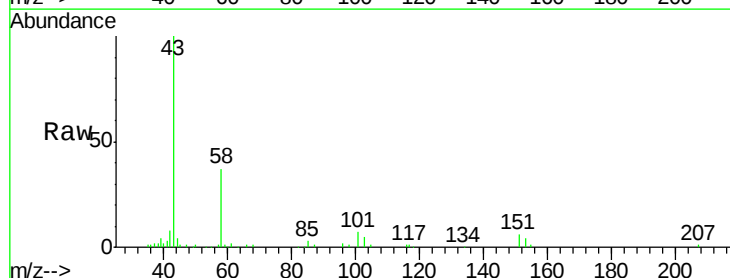
Acq: 12 Mar 2020 11:43

Tgt Ion: 43 Resp: 55662

Ion Ratio Lower Upper

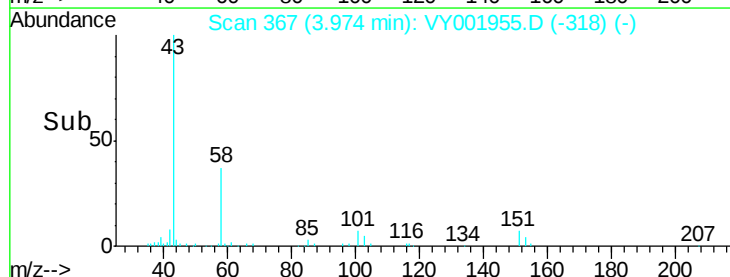
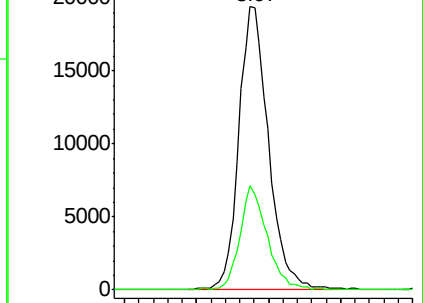
43 100

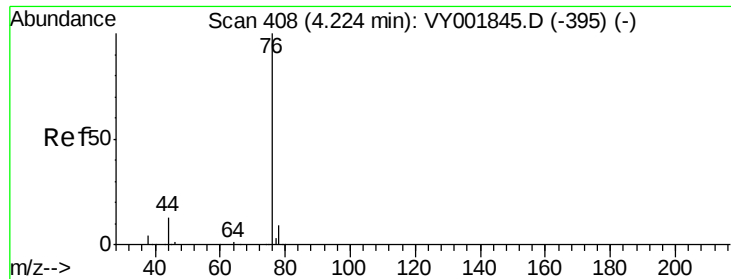
58 37.0 25.9 38.9



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0





#17

Carbon Disulfide

Concen: 18.89 ug/l

RT: 4.22 min Scan# 408

Delta R.T. 0.00 min

Lab File: VY001955.D

Acq: 12 Mar 2020 11:43

Instrument :

MSVOA_Y

ClientSampleId :

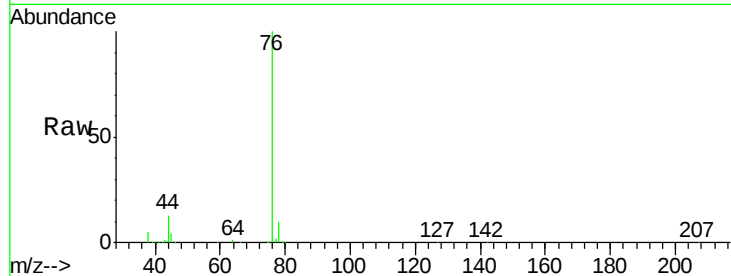
VY0312SBSD01

Tgt Ion: 76 Resp: 137363

Ion Ratio Lower Upper

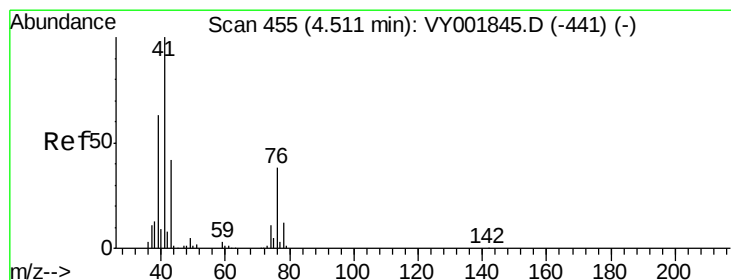
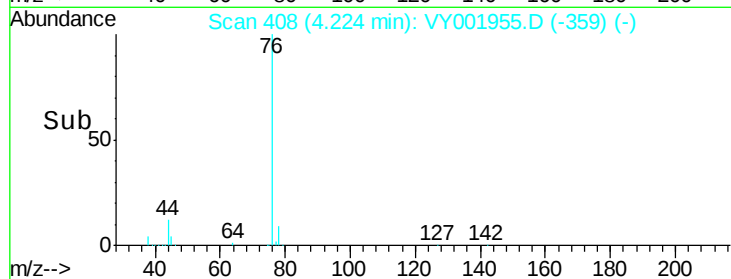
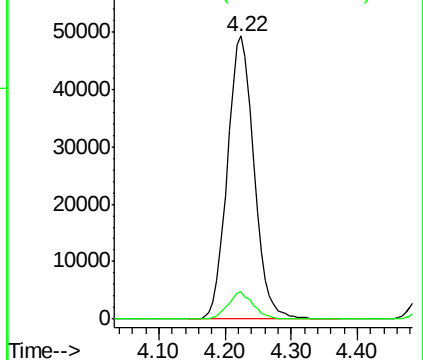
76 100

78 9.6 7.4 11.2



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#18

Methyl Acetate

Concen: 19.20 ug/l

RT: 4.51 min Scan# 455

Delta R.T. 0.00 min

Lab File: VY001955.D

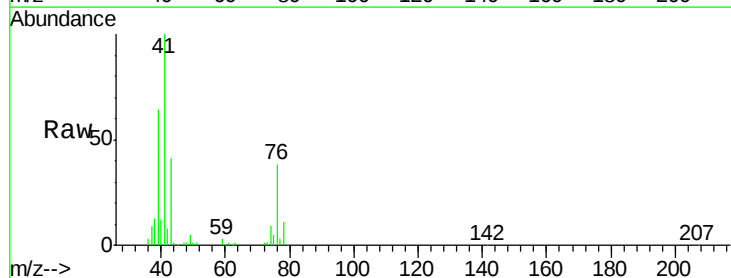
Acq: 12 Mar 2020 11:43

Tgt Ion: 43 Resp: 29842

Ion Ratio Lower Upper

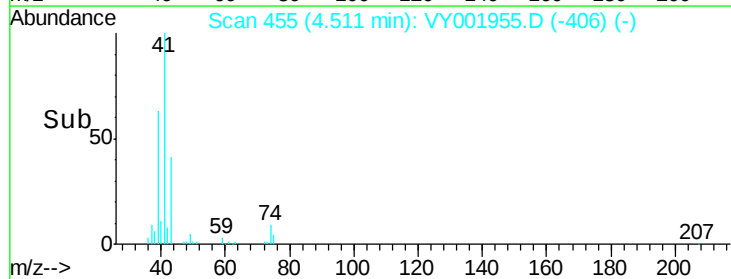
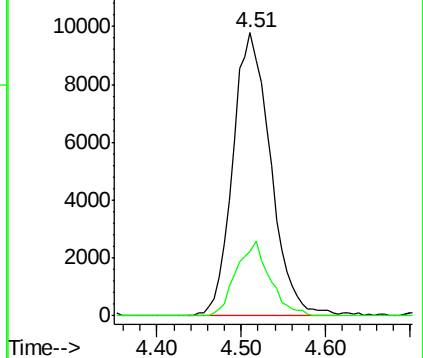
43 100

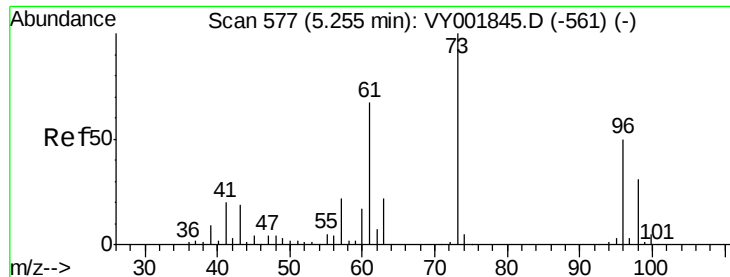
74 23.3 19.0 28.6



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 74.00 (73.70 to 74.70): VY0

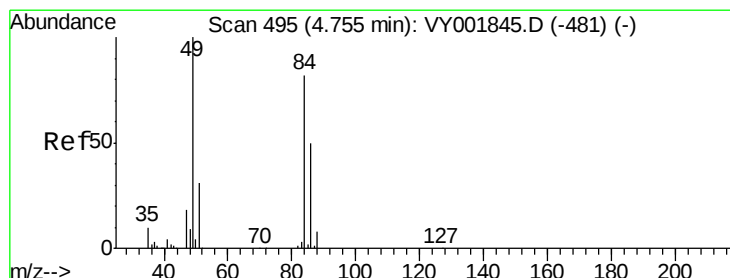
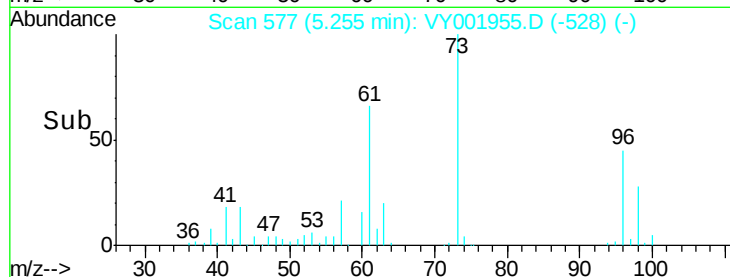
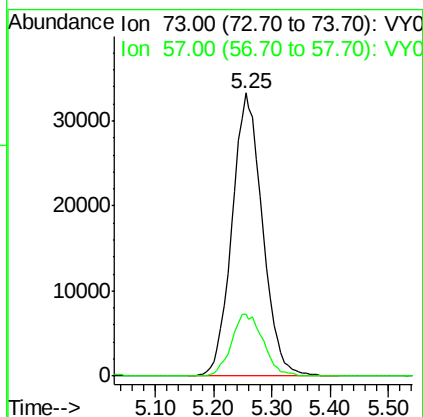
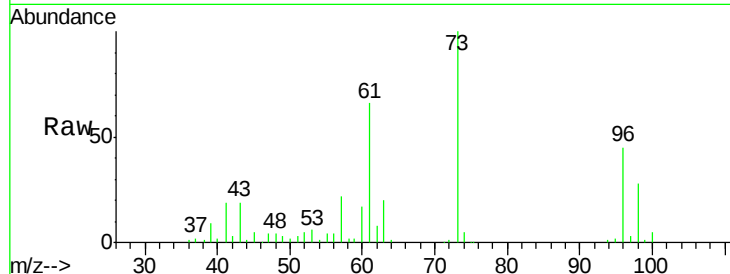




#19
Methyl tert-butyl Ether
Concen: 20.57 ug/l
RT: 5.25 min Scan# 577
Delta R.T. 0.00 min
Lab File: VY001955.D
Acq: 12 Mar 2020 11:43

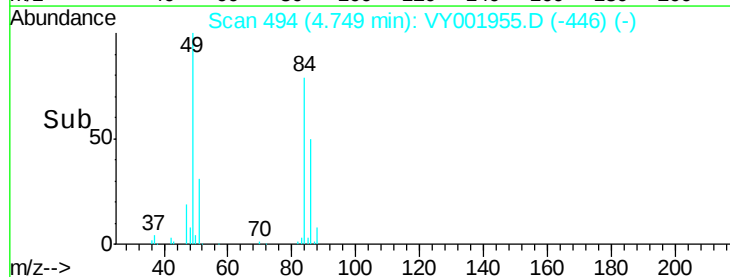
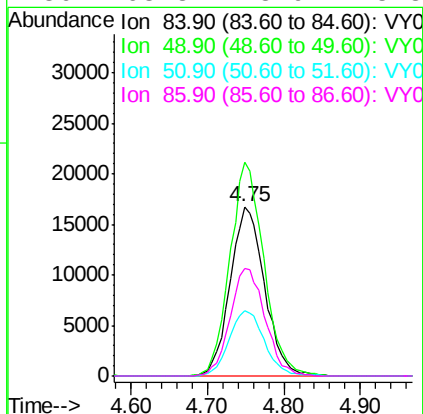
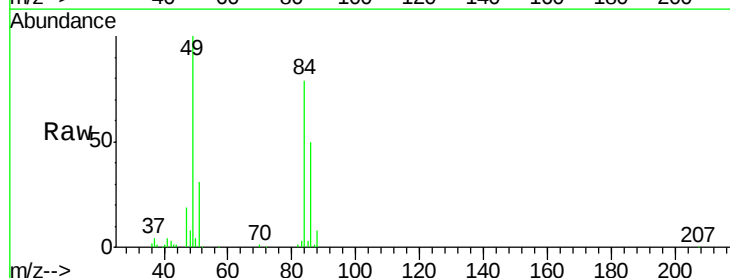
Instrument :
MSVOA_Y
ClientSampleId :
VY0312SBS01

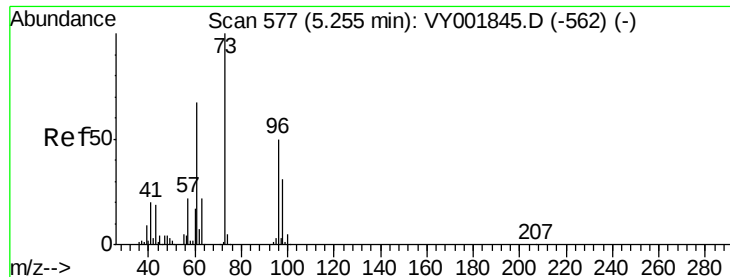
Tgt Ion: 73 Resp: 120552
Ion Ratio Lower Upper
73 100
57 21.7 17.4 26.2



#20
Methylene Chloride
Concen: 20.16 ug/l
RT: 4.75 min Scan# 494
Delta R.T. -0.01 min
Lab File: VY001955.D
Acq: 12 Mar 2020 11:43

Tgt Ion: 84 Resp: 52274
Ion Ratio Lower Upper
84 100
49 126.2 98.2 147.2
51 38.7 30.2 45.2
86 63.3 48.9 73.3





#21

trans-1,2-Dichloroethene

Concen: 19.78 ug/l

RT: 5.25 min Scan# 576

Delta R.T. -0.01 min

Lab File: VY001955.D

Acq: 12 Mar 2020 11:43

Instrument :

MSVOA_Y

ClientSampleId :

VY0312SBS01

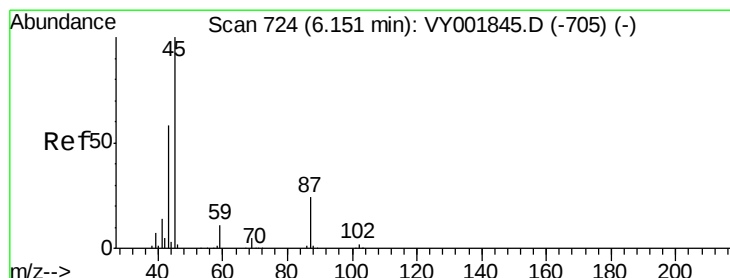
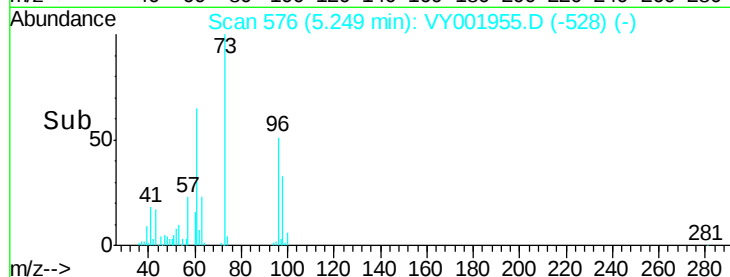
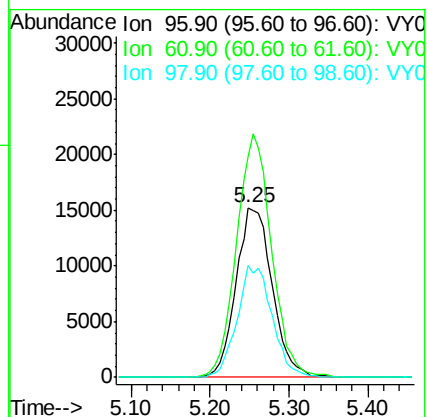
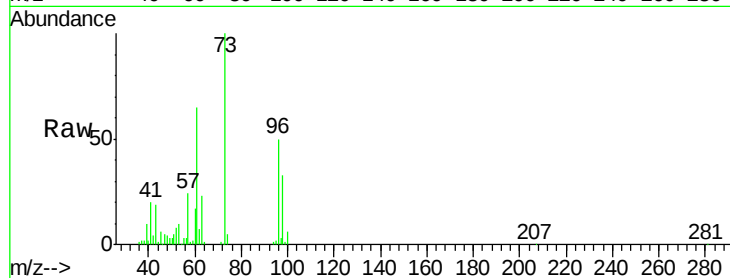
Tgt Ion: 96 Resp: 48558

Ion Ratio Lower Upper

96 100

61 129.9 107.7 161.5

98 65.6 49.3 73.9



#22

Diisopropyl ether

Concen: 19.96 ug/l

RT: 6.16 min Scan# 725

Delta R.T. 0.01 min

Lab File: VY001955.D

Acq: 12 Mar 2020 11:43

Tgt Ion: 45 Resp: 156926

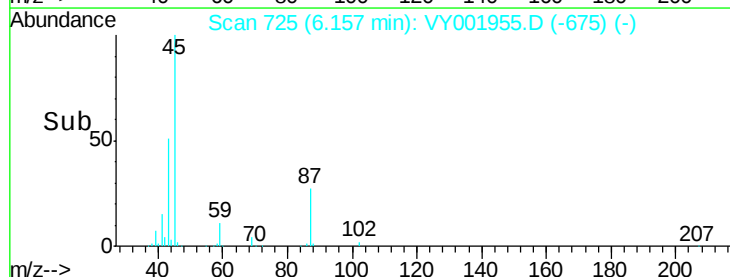
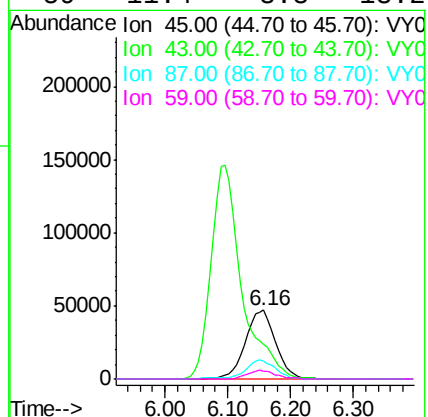
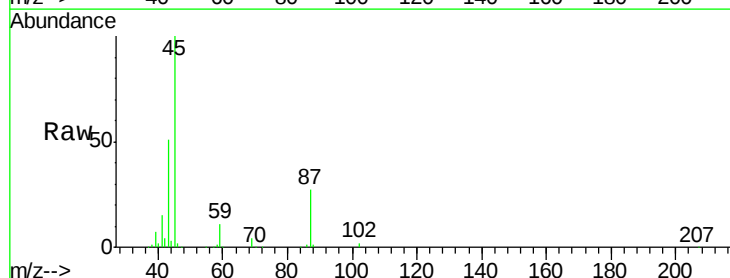
Ion Ratio Lower Upper

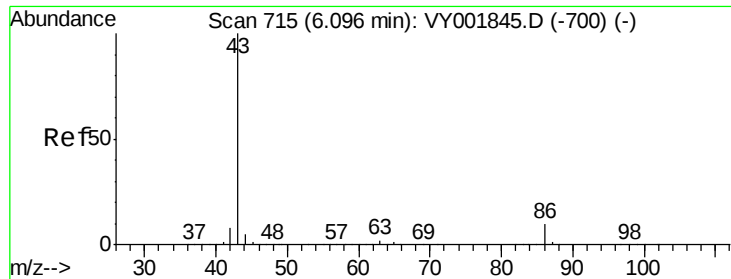
45 100

43 50.3 47.2 70.8

87 26.9 19.8 29.8

59 11.4 8.8 13.2

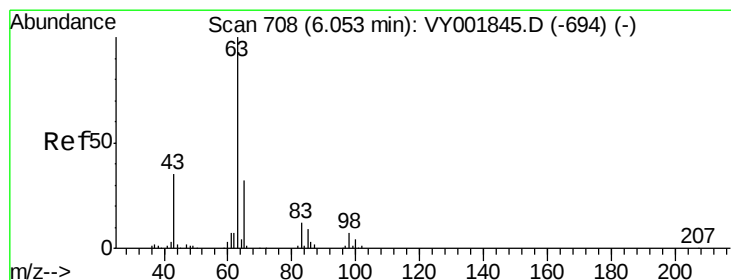
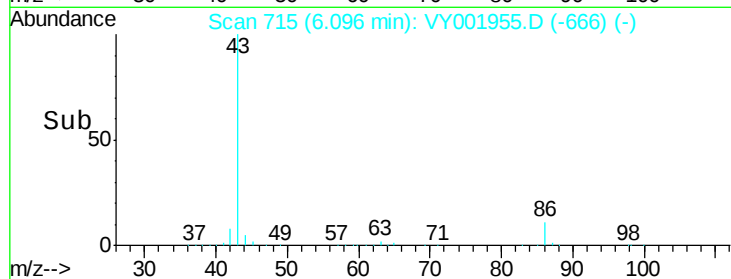
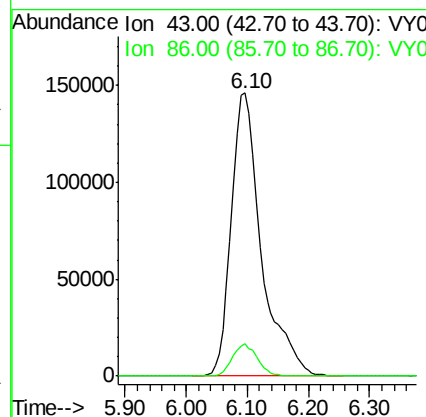
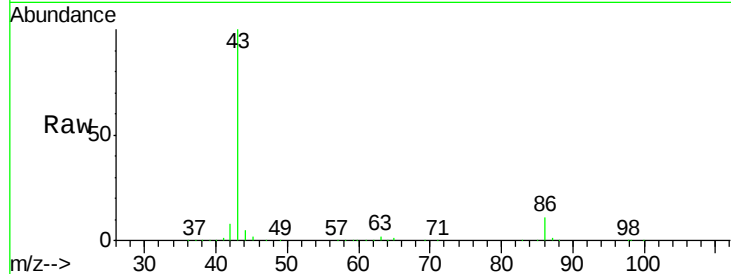




#23
 Vinyl Acetate
 Concen: 96.26 ug/l
 RT: 6.10 min Scan# 715
 Delta R.T. 0.00 min
 Lab File: VY001955.D
 Acq: 12 Mar 2020 11:43

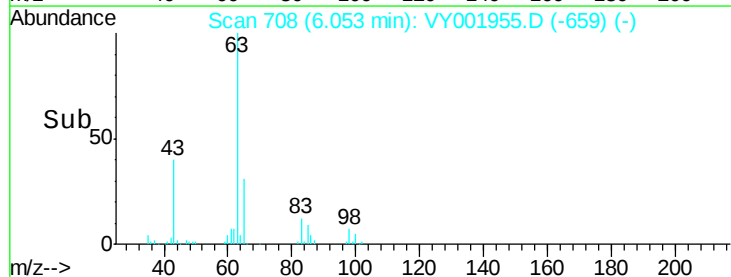
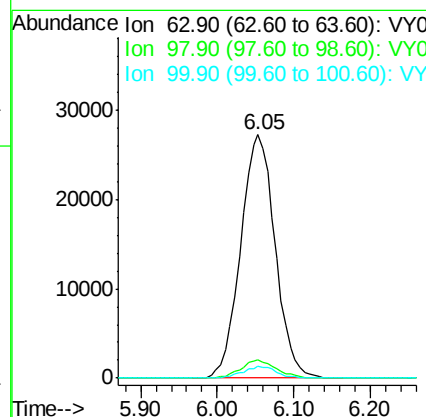
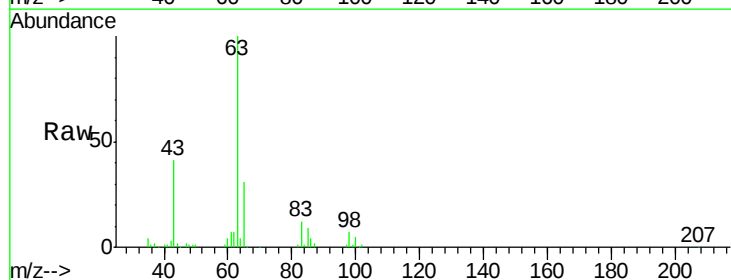
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0312SBS01

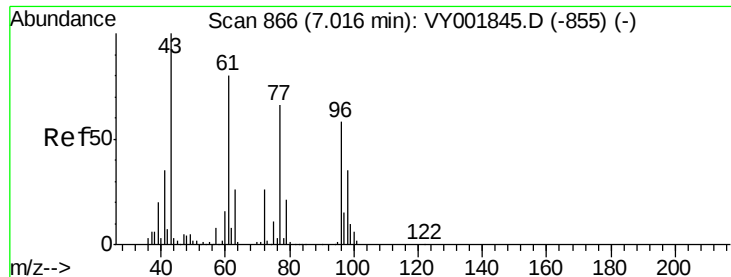
Tgt Ion: 43 Resp: 496037
 Ion Ratio Lower Upper
 43 100
 86 11.4 7.8 11.8



#24
 1,1-Dichloroethane
 Concen: 20.04 ug/l
 RT: 6.05 min Scan# 708
 Delta R.T. 0.00 min
 Lab File: VY001955.D
 Acq: 12 Mar 2020 11:43

Tgt Ion: 63 Resp: 85297
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.4 10.2
 100 4.9 2.0 6.0

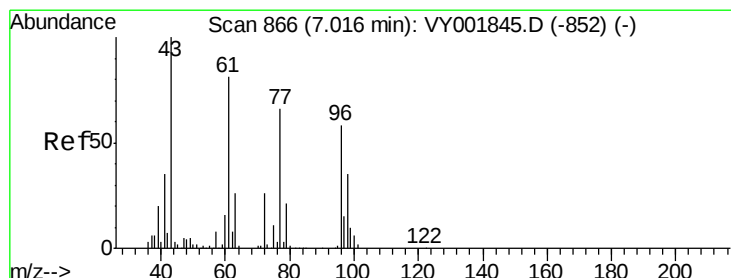
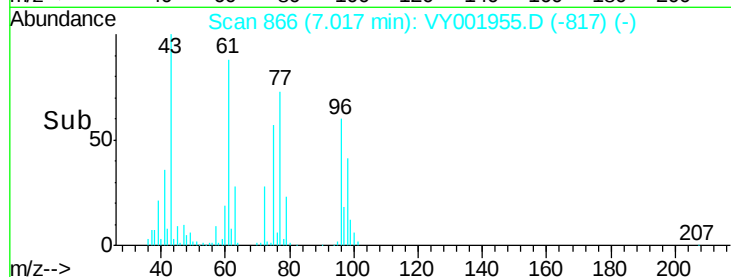
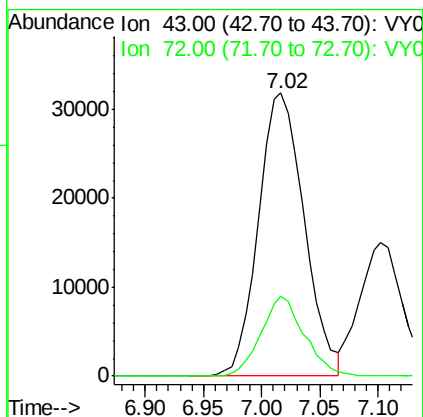
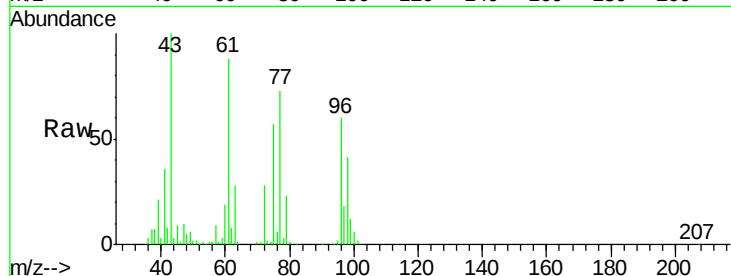




#25
2-Butanone
Concen: 94.68 ug/l
RT: 7.02 min Scan# 866
Delta R.T. 0.00 min
Lab File: VY001955.D
Acq: 12 Mar 2020 11:43

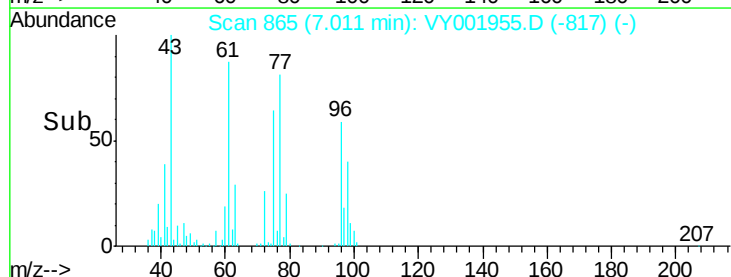
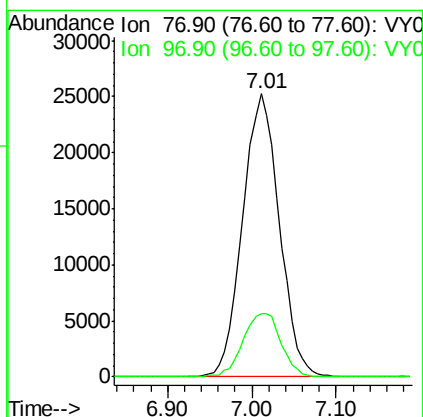
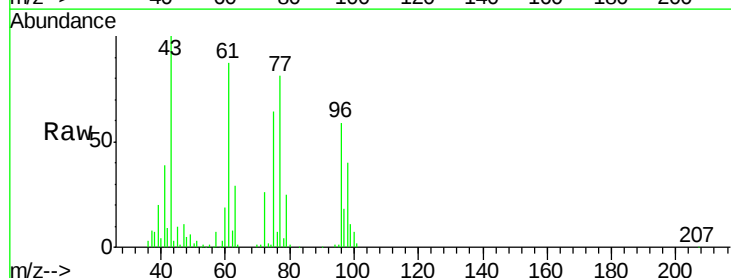
Instrument :
MSVOA_Y
ClientSampleId :
VY0312SBS01

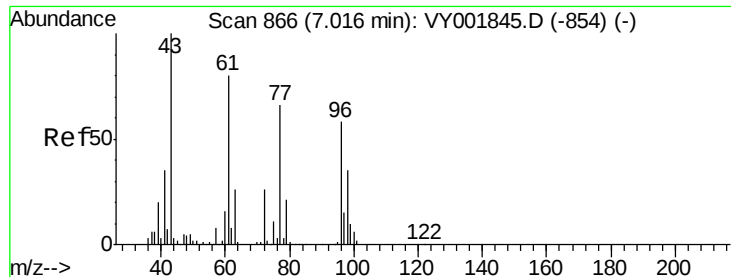
Tgt Ion: 43 Resp: 87102
Ion Ratio Lower Upper
43 100
72 28.1 20.9 31.3



#26
2,2-Dichloropropane
Concen: 21.39 ug/l
RT: 7.01 min Scan# 865
Delta R.T. -0.01 min
Lab File: VY001955.D
Acq: 12 Mar 2020 11:43

Tgt Ion: 77 Resp: 74743
Ion Ratio Lower Upper
77 100
97 23.2 11.9 35.7





#27

cis-1,2-Dichloroethene

Concen: 20.02 ug/l

RT: 7.02 min Scan# 866

Delta R.T. 0.00 min

Lab File: VY001955.D

Acq: 12 Mar 2020 11:43

Instrument :

MSVOA_Y

ClientSampleId :

VY0312SBS01

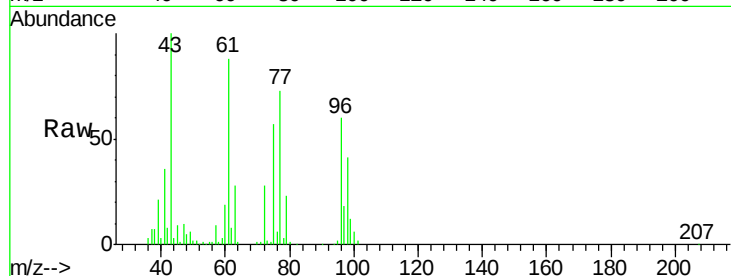
Tgt Ion: 96 Resp: 53464

Ion Ratio Lower Upper

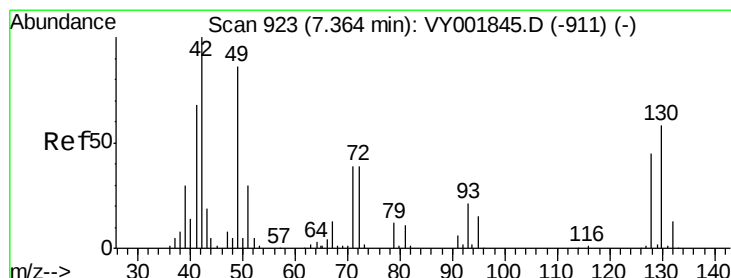
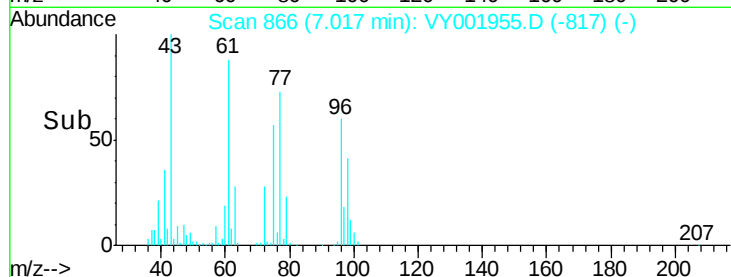
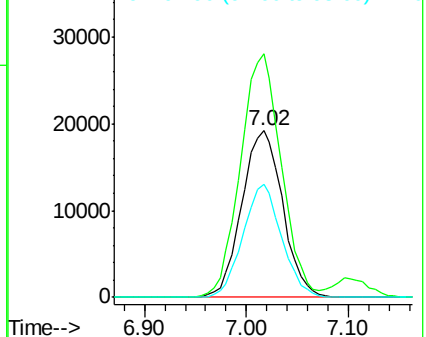
96 100

61 146.1 0.0 288.2

98 64.3 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: 19.02 ug/l

RT: 7.36 min Scan# 922

Delta R.T. -0.01 min

Lab File: VY001955.D

Acq: 12 Mar 2020 11:43

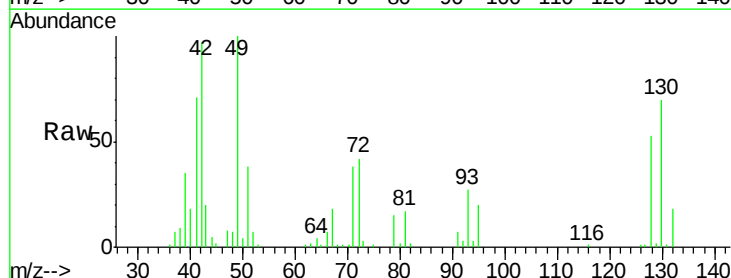
Tgt Ion: 49 Resp: 36490

Ion Ratio Lower Upper

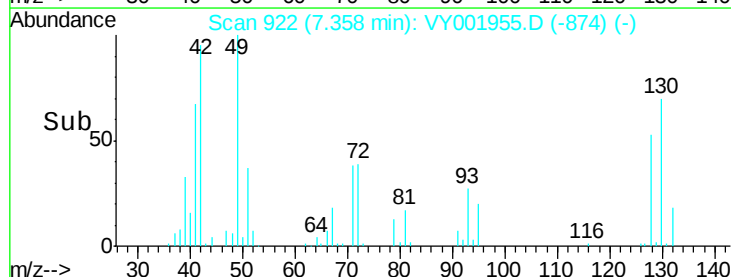
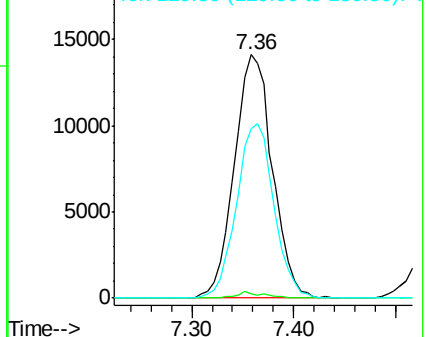
49 100

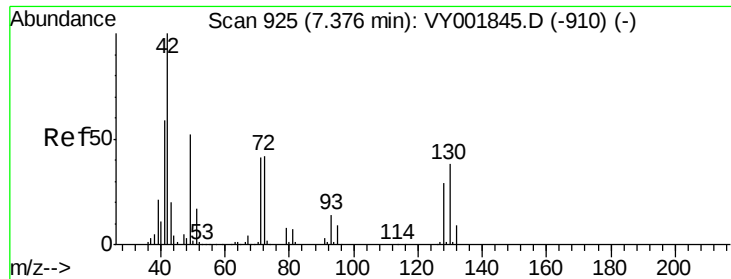
129 1.9 0.0 3.8

130 70.5 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

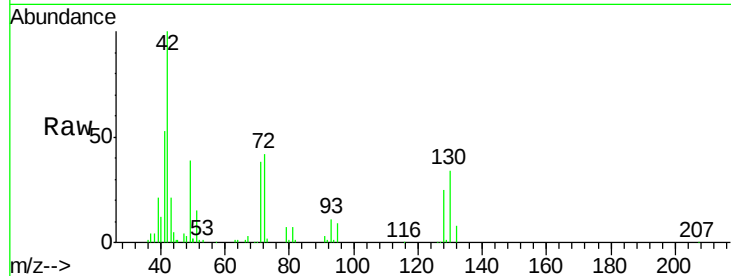




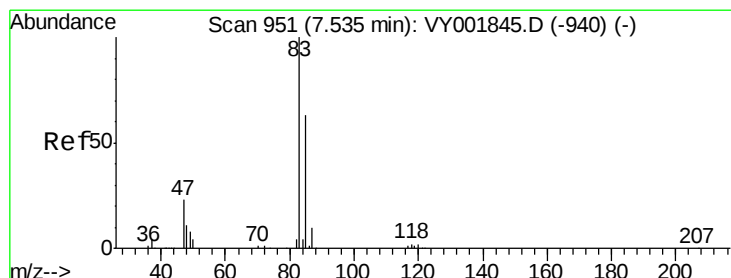
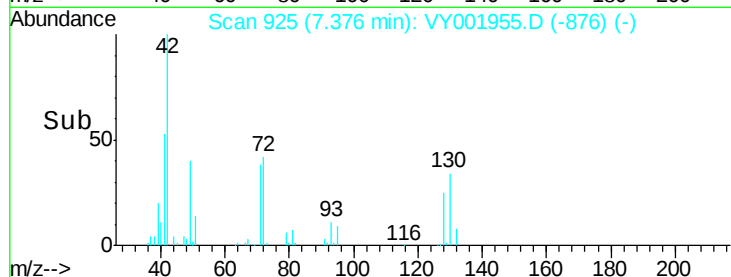
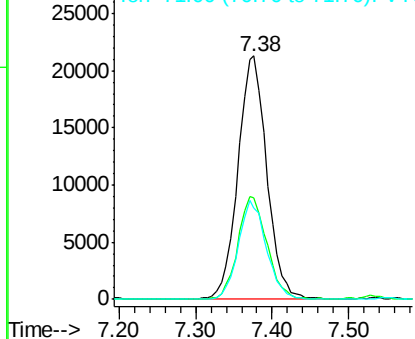
#29
Tetrahydrofuran
Concen: 91.12 ug/l
RT: 7.38 min Scan# 925
Delta R.T. 0.00 min
Lab File: VY001955.D
Acq: 12 Mar 2020 11:43

Instrument :
MSVOA_Y
ClientSampleId :
VY0312SBSD01

Tgt Ion: 42 Resp: 55669
Ion Ratio Lower Upper
42 100
72 42.5 33.5 50.3
71 39.1 31.3 46.9

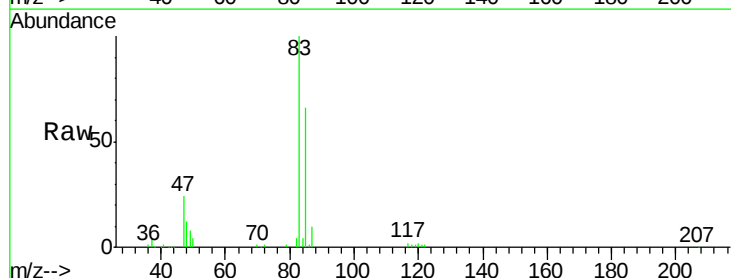


Abundance Ion 42.00 (41.70 to 42.70): VY0
Ion 72.00 (71.70 to 72.70): VY0
Ion 71.00 (70.70 to 71.70): VY0

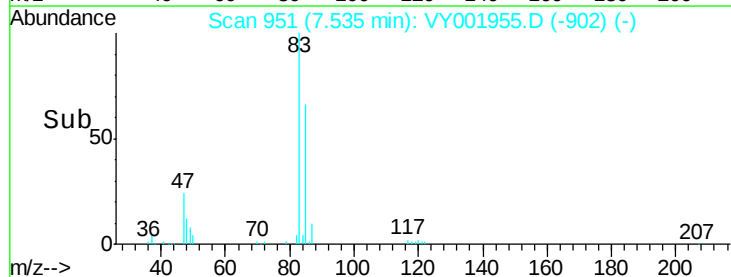
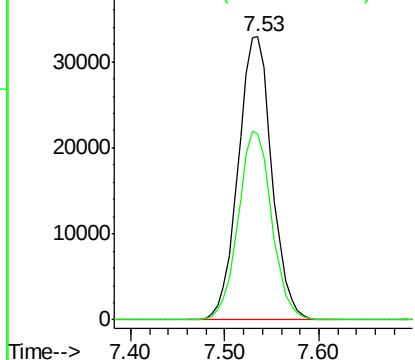


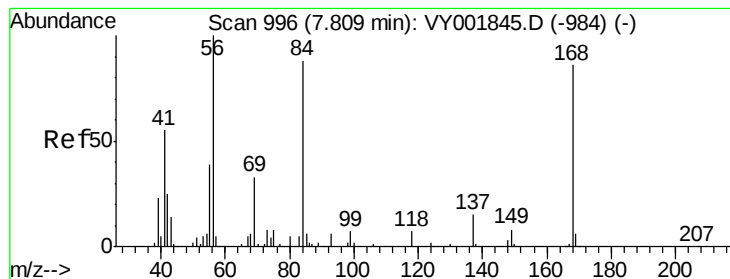
#30
Chloroform
Concen: 20.51 ug/l
RT: 7.53 min Scan# 951
Delta R.T. 0.00 min
Lab File: VY001955.D
Acq: 12 Mar 2020 11:43

Tgt Ion: 83 Resp: 82034
Ion Ratio Lower Upper
83 100
85 65.8 50.7 76.1



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





#31

Cyclohexane

Concen: 19.15 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.01 min

Lab File: VY001955.D

Acq: 12 Mar 2020 11:43

Instrument :

MSVOA_Y

ClientSampleId :

VY0312SBS01

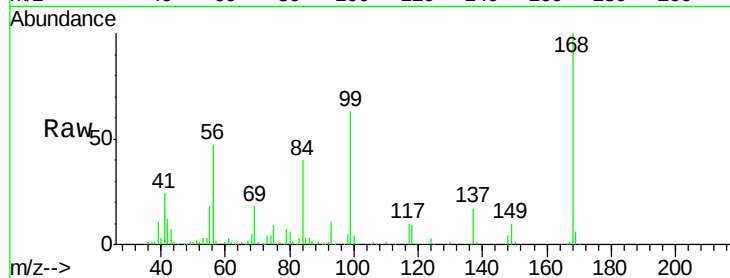
Tgt Ion: 56 Resp: 87417

Ion Ratio Lower Upper

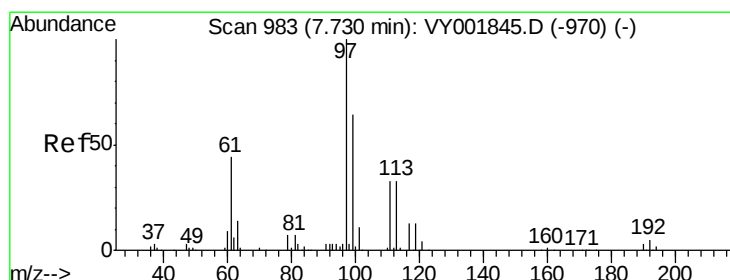
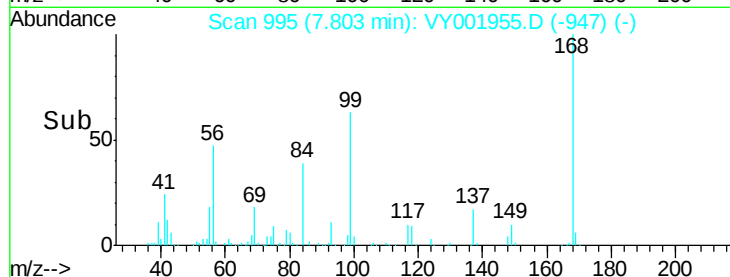
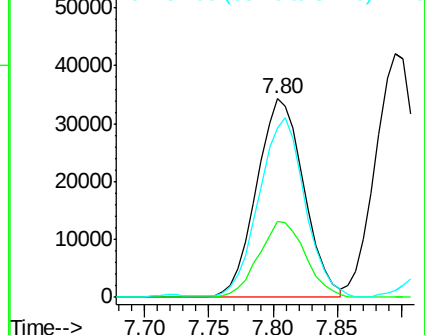
56 100

69 38.1 26.7 40.1

84 84.4 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: 20.94 ug/l

RT: 7.72 min Scan# 982

Delta R.T. -0.01 min

Lab File: VY001955.D

Acq: 12 Mar 2020 11:43

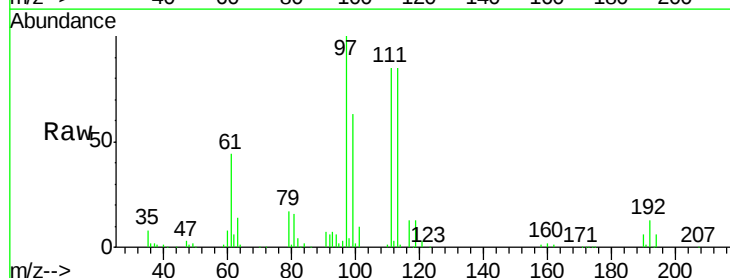
Tgt Ion: 97 Resp: 70582

Ion Ratio Lower Upper

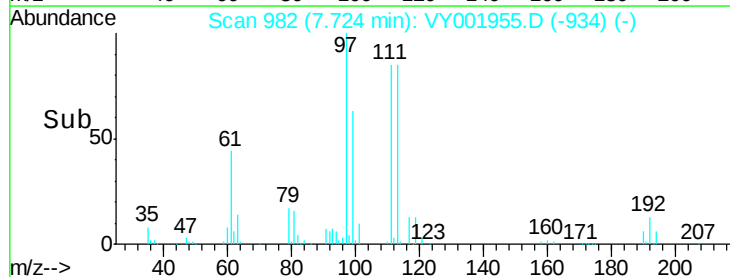
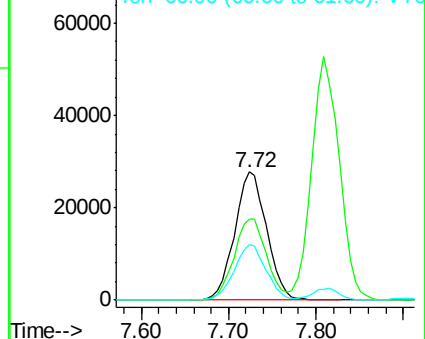
97 100

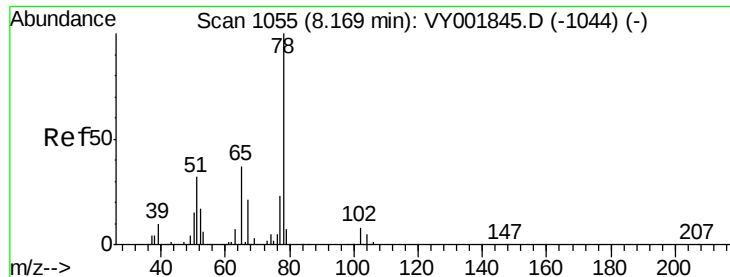
99 64.4 52.0 78.0

61 43.2 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

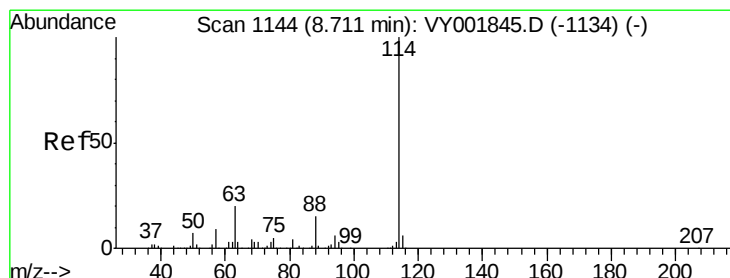
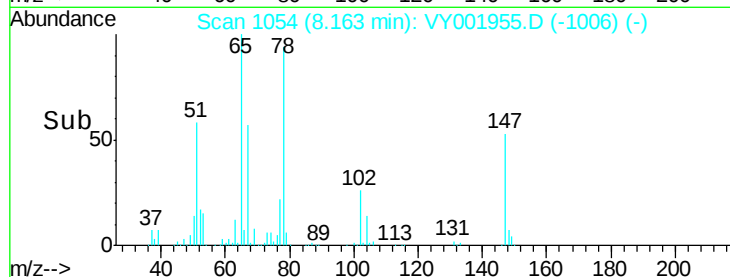
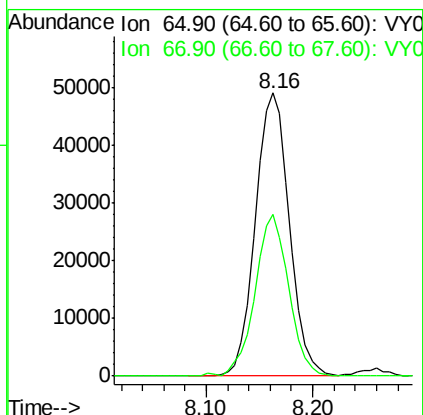
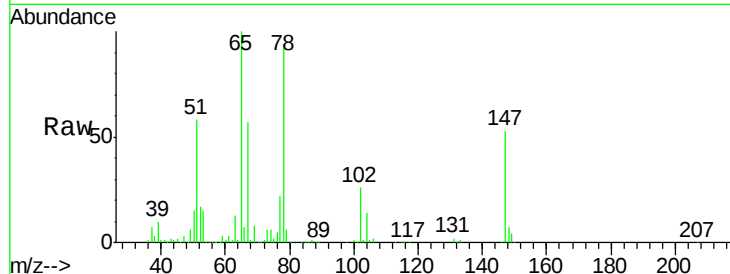




#33
 1,2-Dichloroethane-d4
 Concen: 52.84 ug/l
 RT: 8.16 min Scan# 1054
 Delta R.T. -0.01 min
 Lab File: VY001955.D
 Acq: 12 Mar 2020 11:43

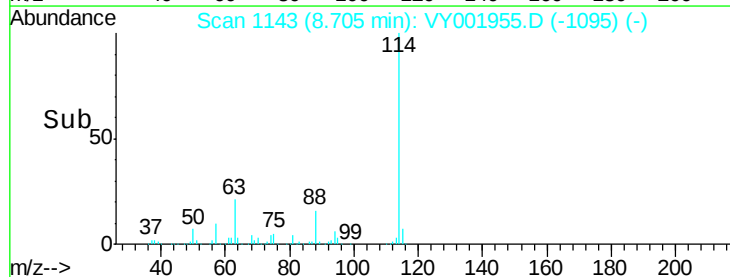
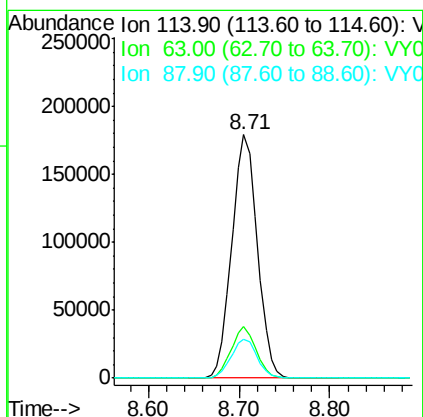
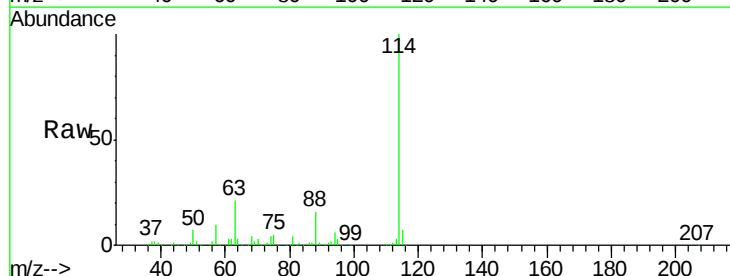
Instrument :
 MSVOA_Y
 ClientSampleID :
 VY0312SBSD01

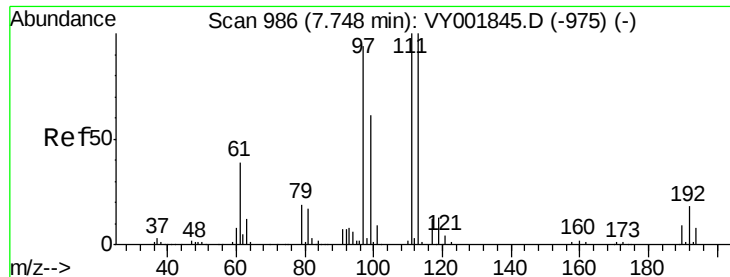
Tgt Ion: 65 Resp: 109753
 Ion Ratio Lower Upper
 65 100
 67 56.4 0.0 110.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.71 min Scan# 1143
 Delta R.T. -0.01 min
 Lab File: VY001955.D
 Acq: 12 Mar 2020 11:43

Tgt Ion: 114 Resp: 350029
 Ion Ratio Lower Upper
 114 100
 63 21.4 0.0 39.4
 88 15.9 0.0 30.4

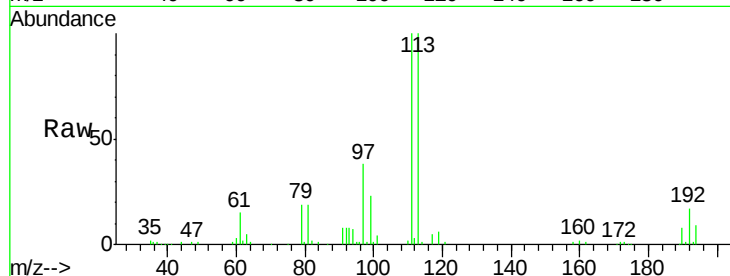




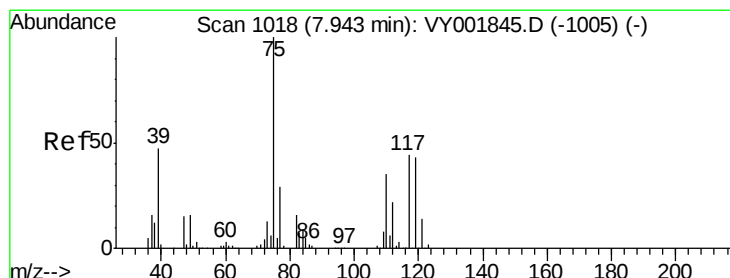
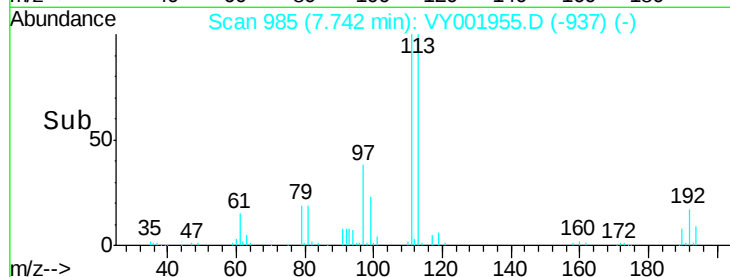
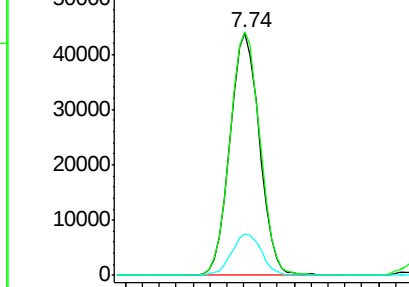
#35
 Dibromofluoromethane
 Concen: 54.43 ug/l
 RT: 7.74 min Scan# 985
 Delta R.T. -0.01 min
 Lab File: VY001955.D
 Acq: 12 Mar 2020 11:43

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0312SBS01

Tgt Ion: 113 Resp: 104027
 Ion Ratio Lower Upper
 113 100
 111 101.9 81.8 122.8
 192 17.2 14.2 21.2

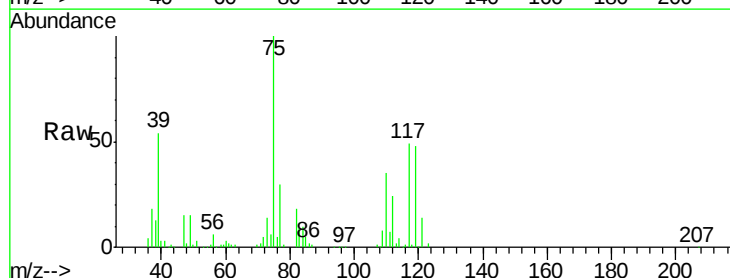


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

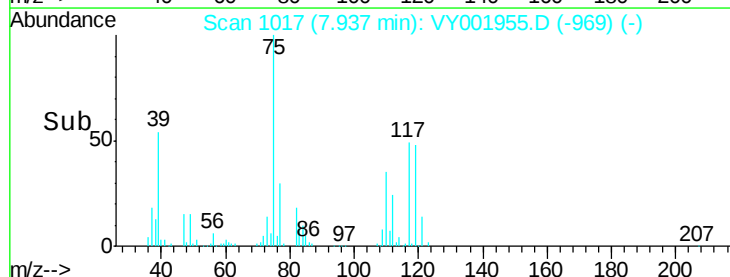
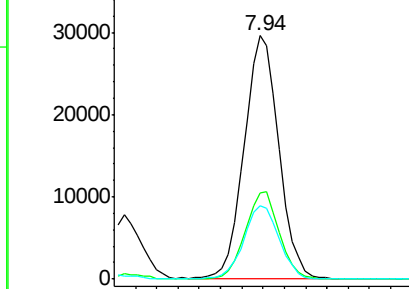


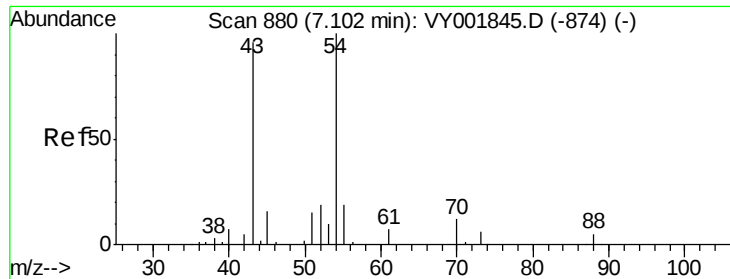
#36
 1,1-Dichloropropene
 Concen: 20.12 ug/l
 RT: 7.94 min Scan# 1017
 Delta R.T. -0.01 min
 Lab File: VY001955.D
 Acq: 12 Mar 2020 11:43

Tgt Ion: 75 Resp: 67764
 Ion Ratio Lower Upper
 75 100
 110 34.9 17.4 52.2
 77 30.9 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

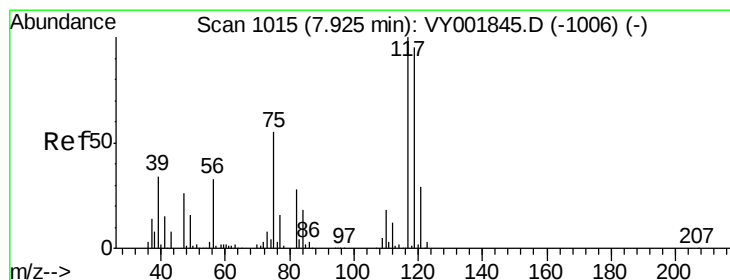
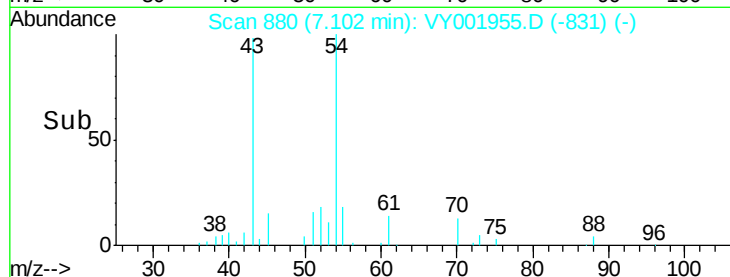
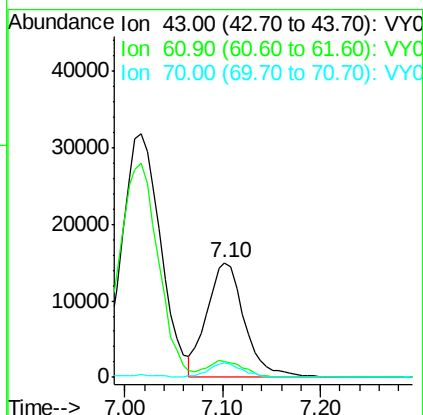
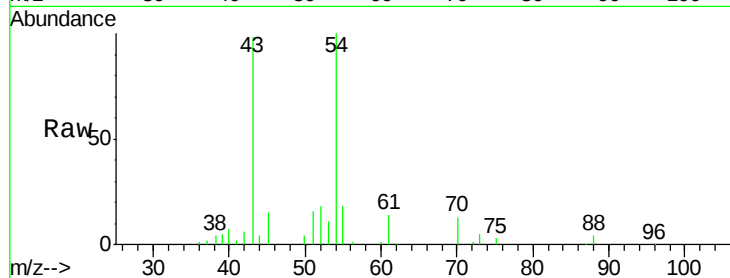




#37
Ethyl Acetate
Concen: 20.23 ug/l
RT: 7.10 min Scan# 880
Delta R.T. 0.00 min
Lab File: VY001955.D
Acq: 12 Mar 2020 11:43

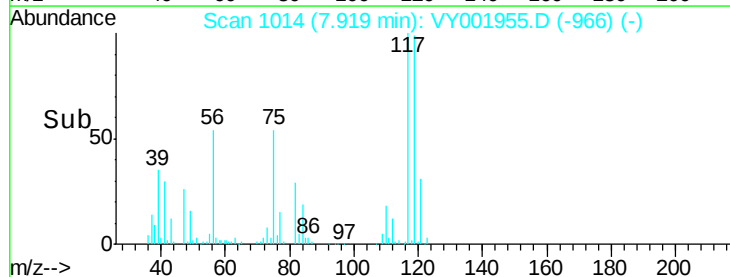
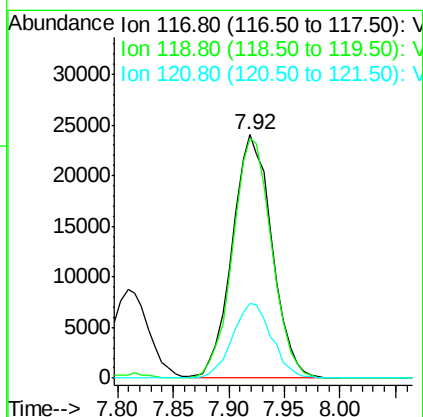
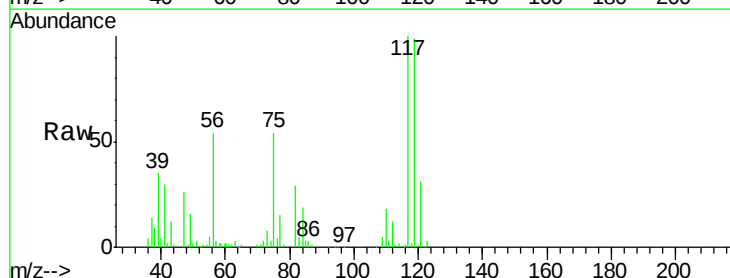
Instrument :
MSVOA_Y
ClientSampleId :
VY0312SBS01

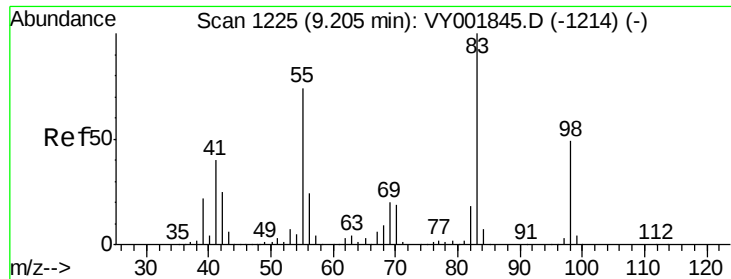
Tgt Ion: 43 Resp: 39600
Ion Ratio Lower Upper
43 100
61 14.2 11.1 16.7
70 11.5 8.2 12.4



#38
Carbon Tetrachloride
Concen: 20.68 ug/l
RT: 7.92 min Scan# 1014
Delta R.T. -0.01 min
Lab File: VY001955.D
Acq: 12 Mar 2020 11:43

Tgt Ion: 117 Resp: 59497
Ion Ratio Lower Upper
117 100
119 98.7 76.3 114.5
121 30.8 23.5 35.3

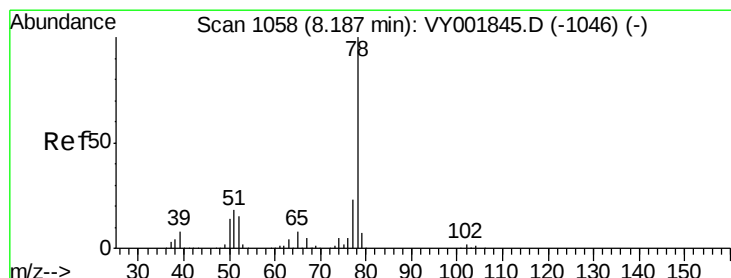
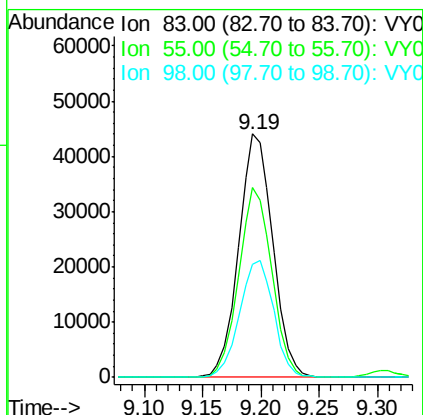
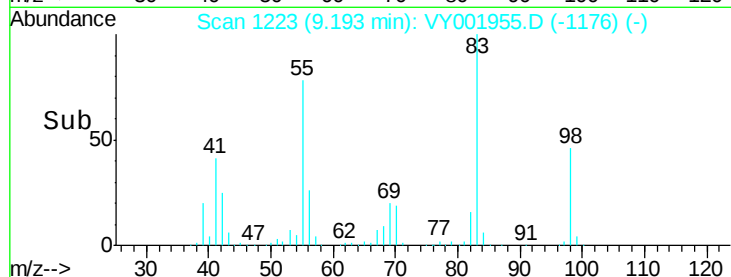
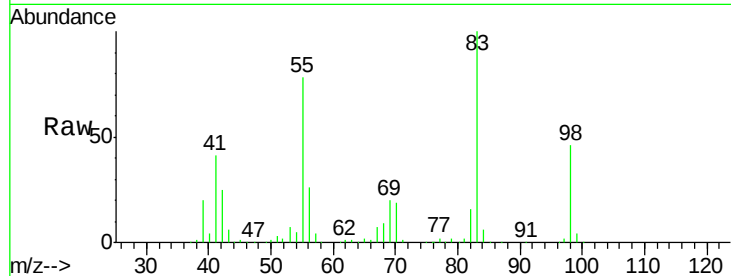




#39
Methylcyclohexane
Concen: 20.07 ug/l
RT: 9.19 min Scan# 1223
Delta R.T. -0.01 min
Lab File: VY001955.D
Acq: 12 Mar 2020 11:43

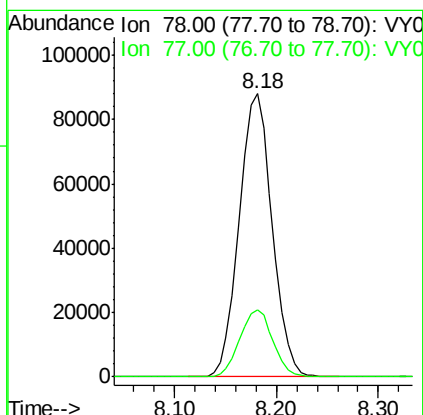
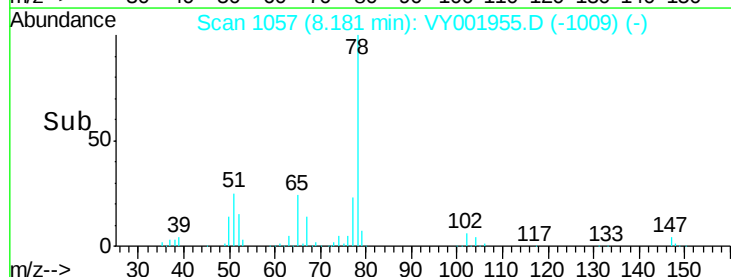
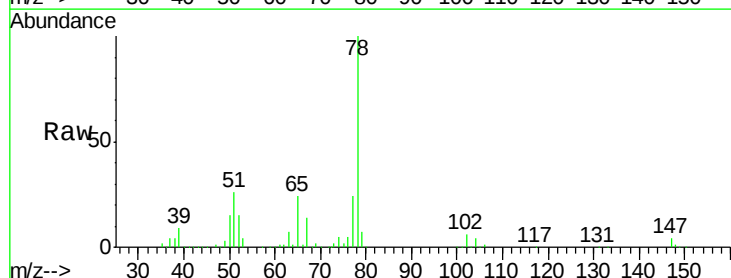
Instrument :
MSVOA_Y
ClientSampleId :
VY0312SBS01

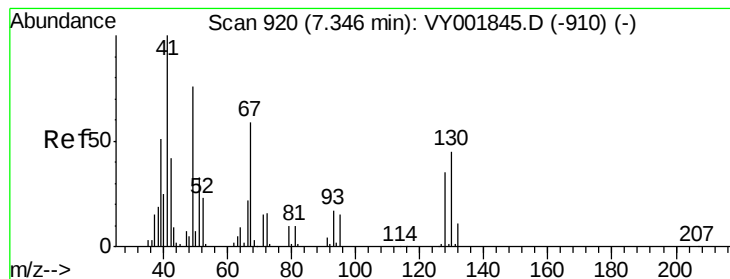
Tgt Ion: 83 Resp: 89661
Ion Ratio Lower Upper
83 100
55 77.9 59.4 89.0
98 46.2 38.9 58.3



#40
Benzene
Concen: 19.75 ug/l
RT: 8.18 min Scan# 1057
Delta R.T. -0.01 min
Lab File: VY001955.D
Acq: 12 Mar 2020 11:43

Tgt Ion: 78 Resp: 197158
Ion Ratio Lower Upper
78 100
77 23.5 18.7 28.1





#41

Methacrylonitrile

Concen: 57.36 ug/l

RT: 7.37 min Scan# 924

Delta R.T. 0.03 min

Lab File: VY001955.D

Acq: 12 Mar 2020 11:43

Instrument :

MSVOA_Y

ClientSampleId :

VY0312SBSD01

Tgt Ion: 41 Resp: 50535

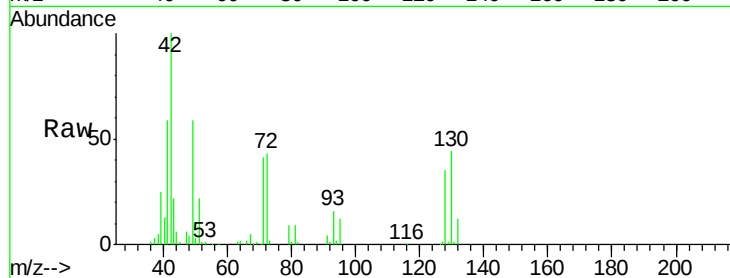
Ion Ratio Lower Upper

41 100

39 0.0 111.7 167.5#

67 0.0 0.0 0.0

52 0.0 0.0 0.0

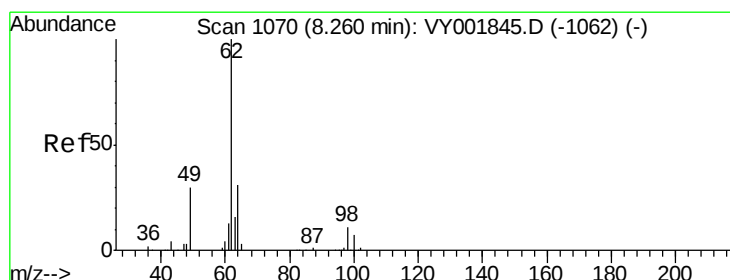
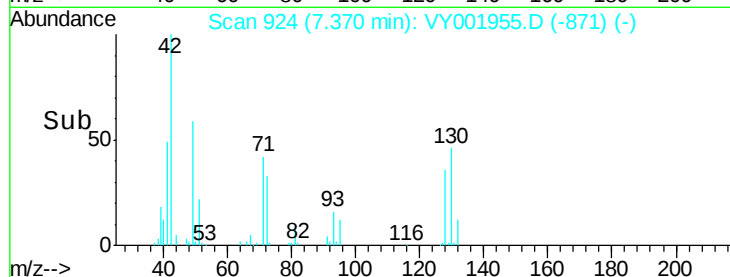
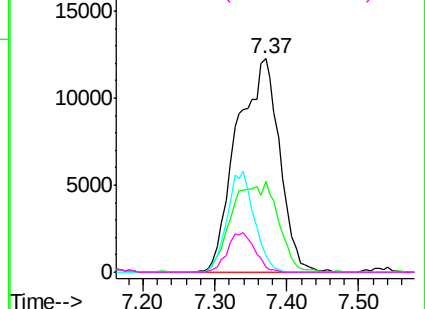


Abundance Ion 41.00 (40.70 to 41.70): VY0

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: 20.83 ug/l

RT: 8.25 min Scan# 1069

Delta R.T. -0.01 min

Lab File: VY001955.D

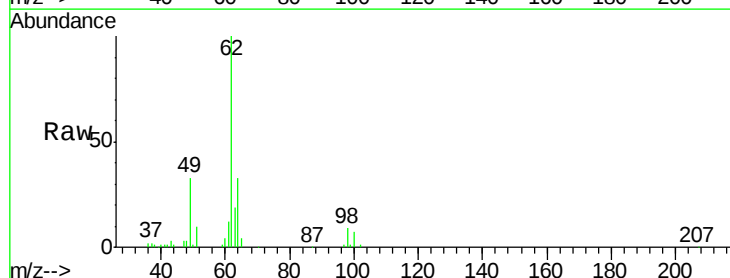
Acq: 12 Mar 2020 11:43

Tgt Ion: 62 Resp: 53592

Ion Ratio Lower Upper

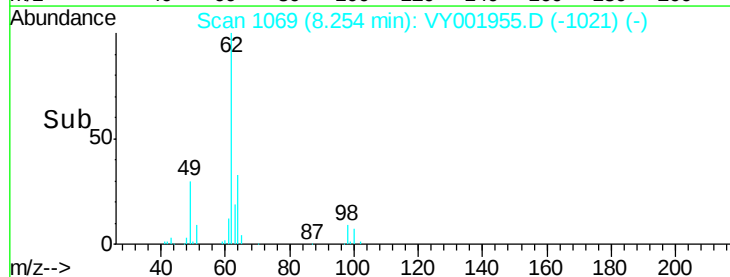
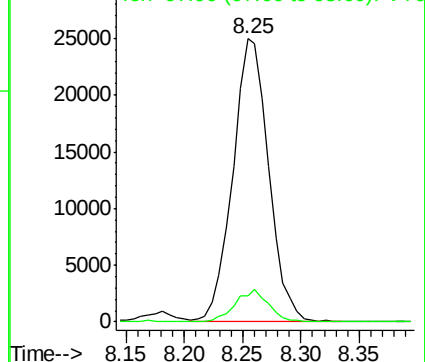
62 100

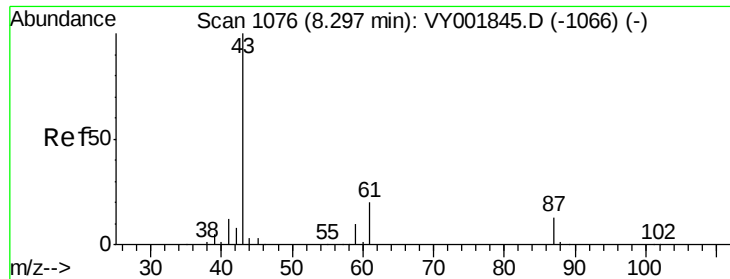
98 10.7 0.0 21.4



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 97.90 (97.60 to 98.60): VY0





#43

Isopropyl Acetate

Concen: 19.43 ug/l

RT: 8.29 min Scan# 1075

Delta R.T. -0.01 min

Lab File: VY001955.D

Acq: 12 Mar 2020 11:43

Instrument :

MSVOA_Y

ClientSampleId :

VY0312SBS01

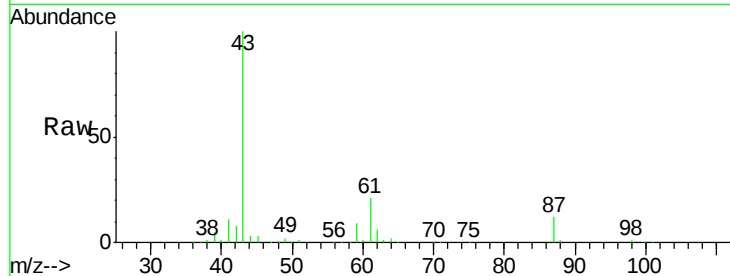
Tgt Ion: 43 Resp: 72030

Ion Ratio Lower Upper

43 100

61 29.3 23.8 35.6

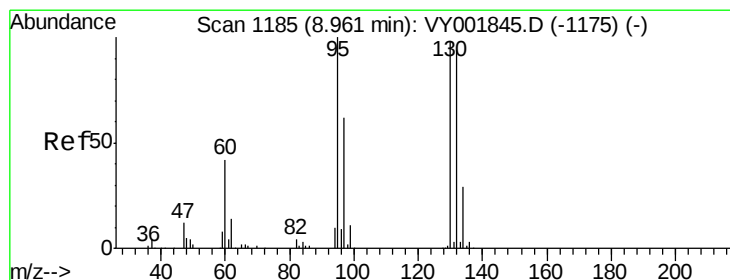
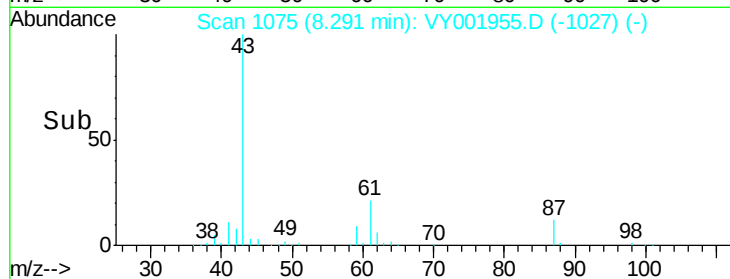
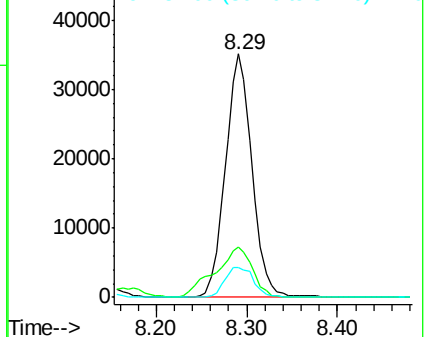
87 13.5 10.9 16.3



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: 20.64 ug/l

RT: 8.96 min Scan# 1184

Delta R.T. -0.01 min

Lab File: VY001955.D

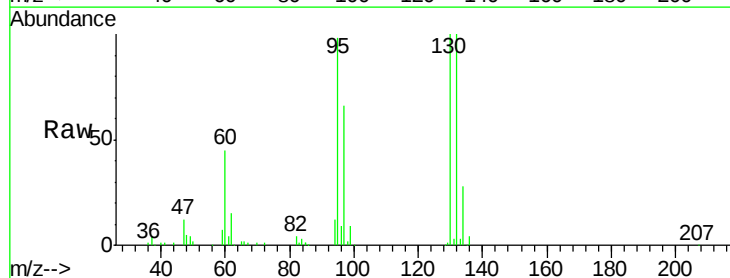
Acq: 12 Mar 2020 11:43

Tgt Ion: 130 Resp: 50195

Ion Ratio Lower Upper

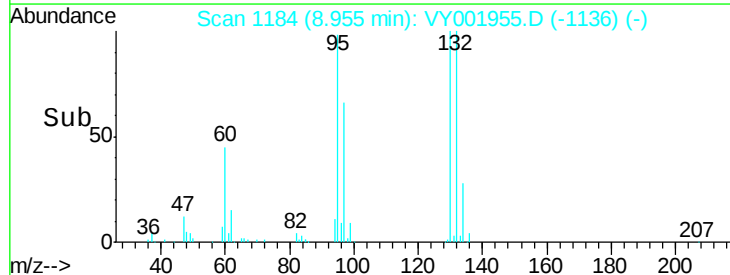
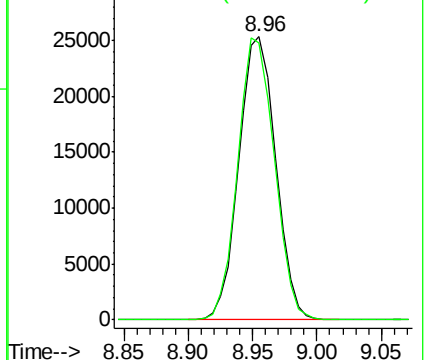
130 100

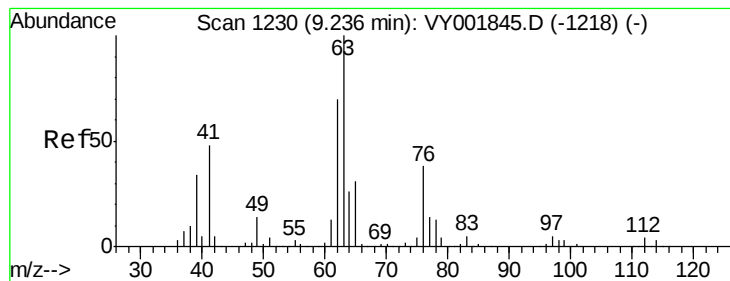
95 98.1 0.0 204.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VY0





#45

1,2-Dichloropropane

Concen: 19.90 ug/l

RT: 9.23 min Scan# 1229

Delta R.T. -0.01 min

Lab File: VY001955.D

Acq: 12 Mar 2020 11:43

Instrument :

MSVOA_Y

ClientSampleId :

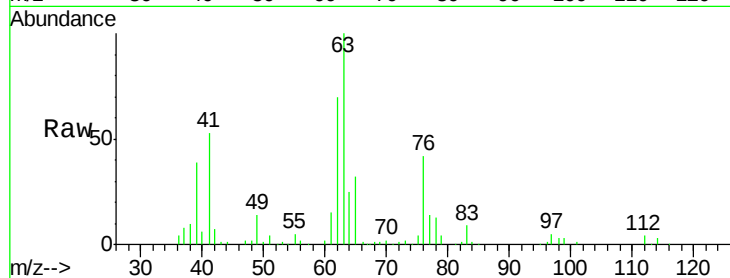
VY0312SBS01

Tgt Ion: 63 Resp: 49954

Ion Ratio Lower Upper

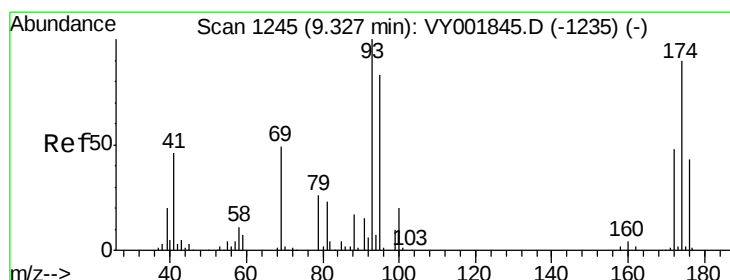
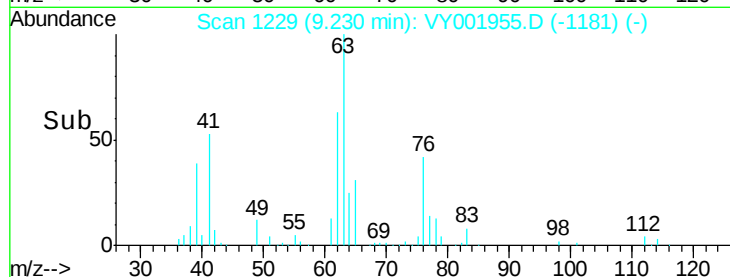
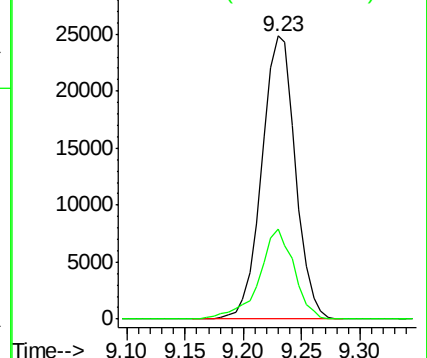
63 100

65 31.9 24.9 37.3



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 64.90 (64.60 to 65.60): VY0



#46

Dibromomethane

Concen: 19.70 ug/l

RT: 9.31 min Scan# 1243

Delta R.T. -0.01 min

Lab File: VY001955.D

Acq: 12 Mar 2020 11:43

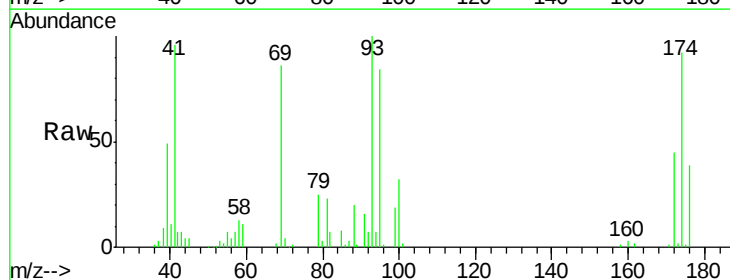
Tgt Ion: 93 Resp: 25477

Ion Ratio Lower Upper

93 100

95 83.1 67.0 100.4

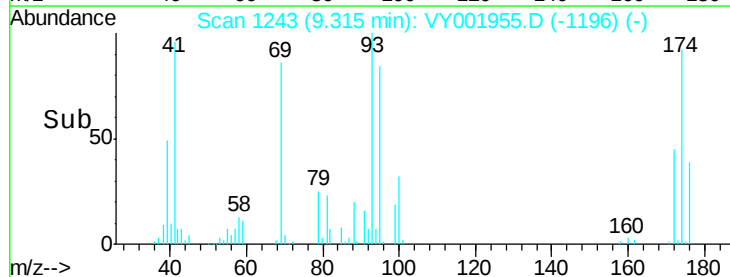
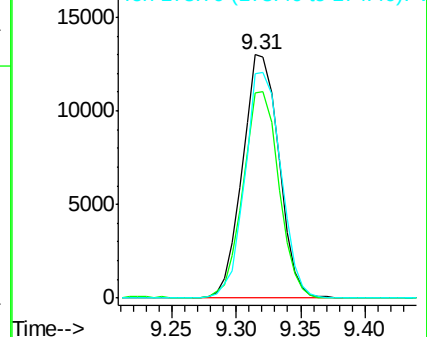
174 91.6 71.8 107.8

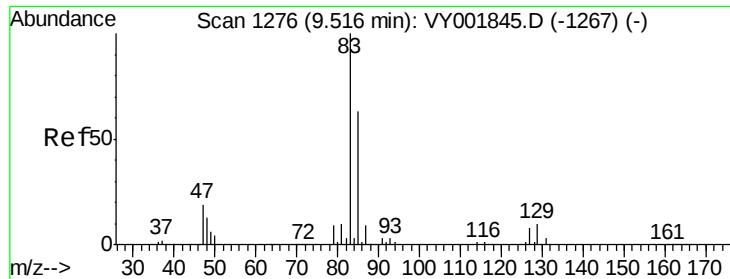


Abundance Ion 92.80 (92.50 to 93.50): VY0

Ion 94.80 (94.50 to 95.50): VY0

Ion 173.70 (173.40 to 174.40): VY0





#47

Bromodichloromethane

Concen: 20.74 ug/l

RT: 9.51 min Scan# 1275

Delta R.T. -0.01 min

Lab File: VY001955.D

Acq: 12 Mar 2020 11:43

Instrument :

MSVOA_Y

ClientSampleId :

VY0312SBS01

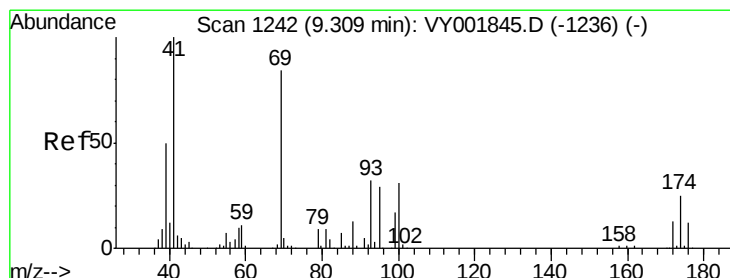
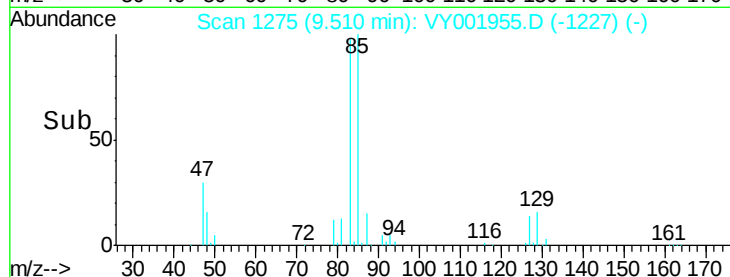
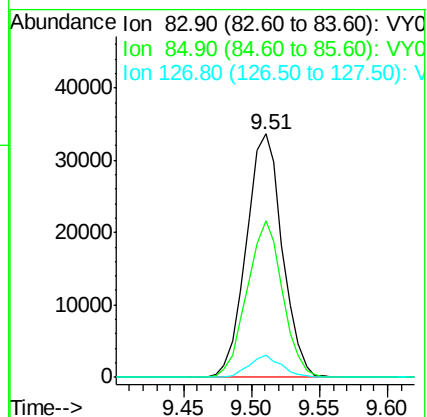
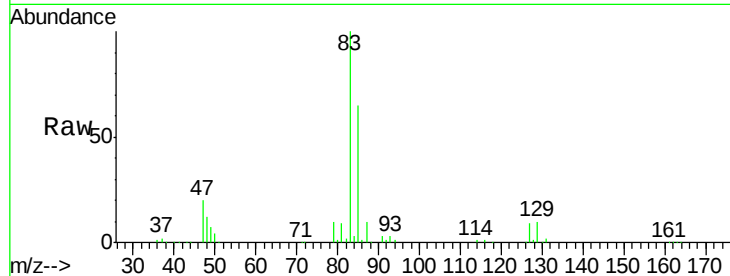
Tgt Ion: 83 Resp: 62395

Ion Ratio Lower Upper

83 100

85 64.5 50.6 76.0

127 9.0 6.2 9.4



#48

Methyl methacrylate

Concen: 19.27 ug/l

RT: 9.30 min Scan# 1241

Delta R.T. -0.01 min

Lab File: VY001955.D

Acq: 12 Mar 2020 11:43

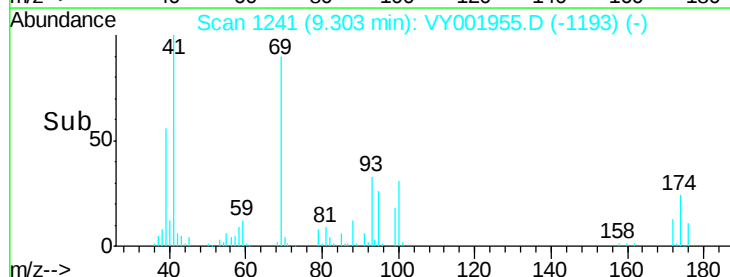
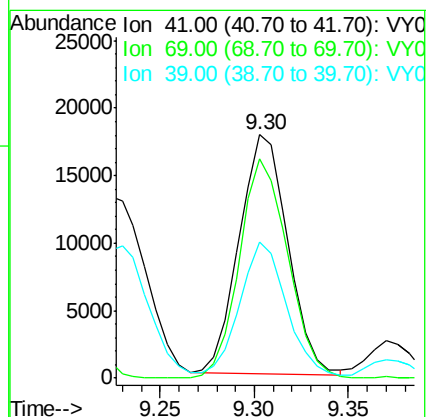
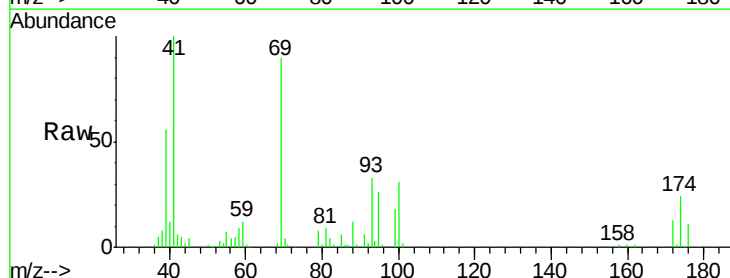
Tgt Ion: 41 Resp: 31690

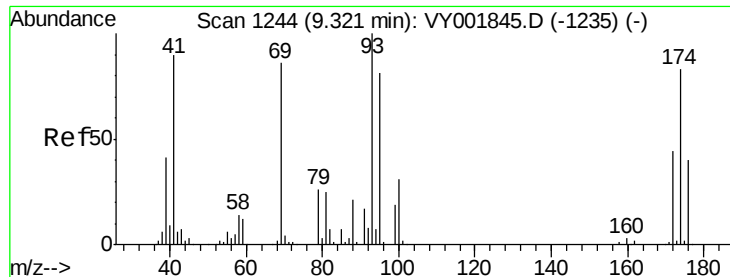
Ion Ratio Lower Upper

41 100

69 91.7 69.0 103.6

39 52.5 39.1 58.7





#49

1,4-Dioxane

Concen: 372.20 ug/l

RT: 9.31 min Scan# 1243

Delta R.T. -0.01 min

Lab File: VY001955.D

Acq: 12 Mar 2020 11:43

Instrument :

MSVOA_Y

ClientSampleId :

VY0312SBS01

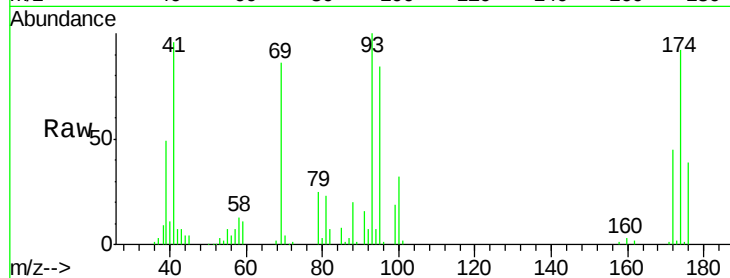
Tgt Ion: 88 Resp: 6596

Ion Ratio Lower Upper

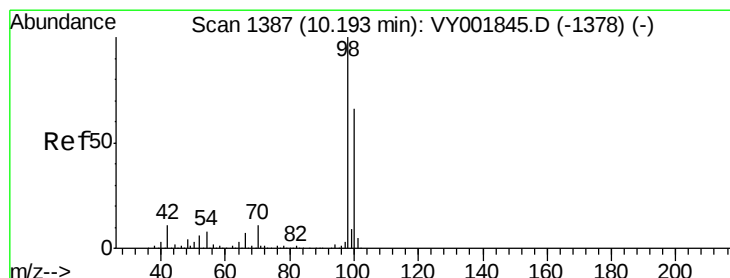
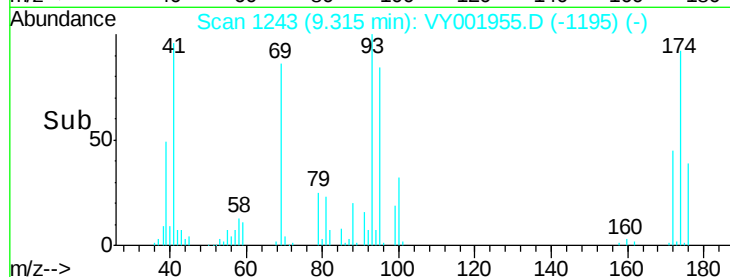
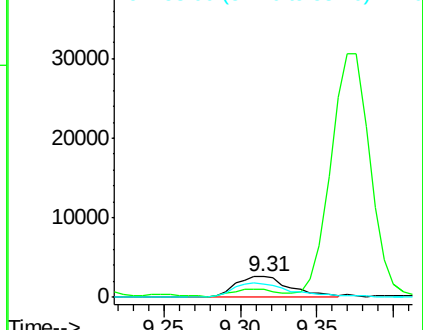
88 100

43 29.6 25.0 37.6

58 77.1 58.9 88.3



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



#50

Toluene-d8

Concen: 52.15 ug/l

RT: 10.19 min Scan# 1386

Delta R.T. -0.01 min

Lab File: VY001955.D

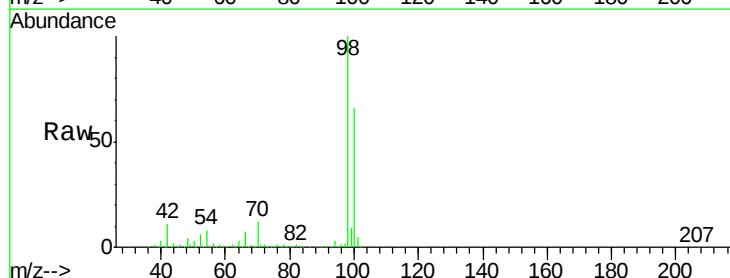
Acq: 12 Mar 2020 11:43

Tgt Ion: 98 Resp: 420275

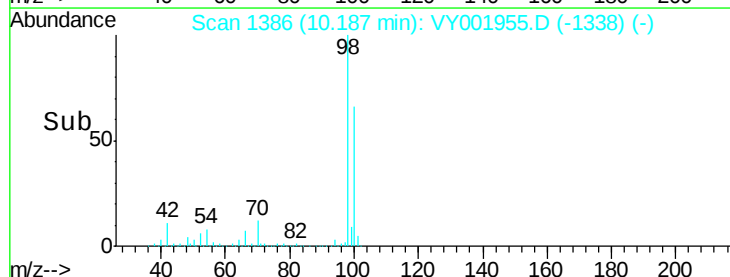
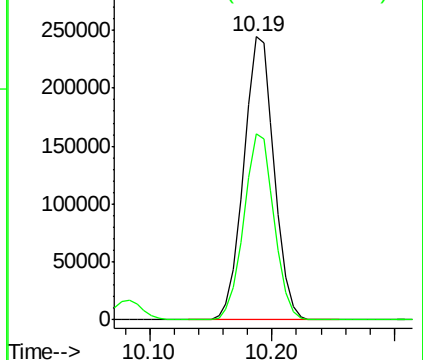
Ion Ratio Lower Upper

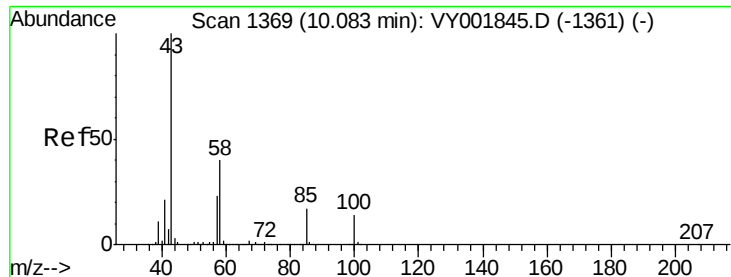
98 100

100 65.5 53.0 79.4



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

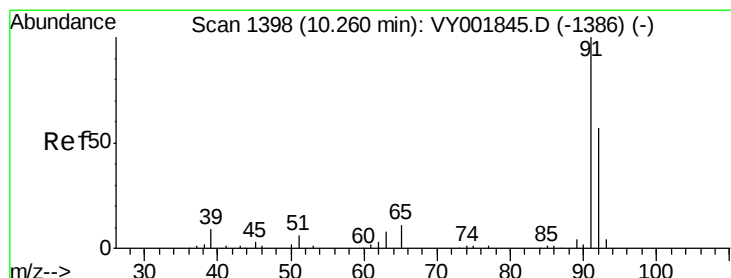
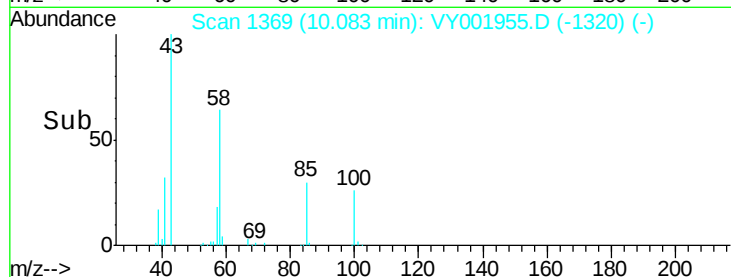
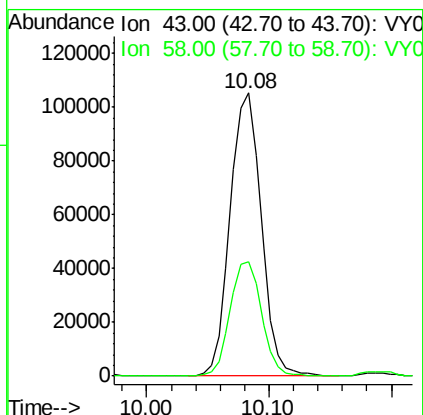
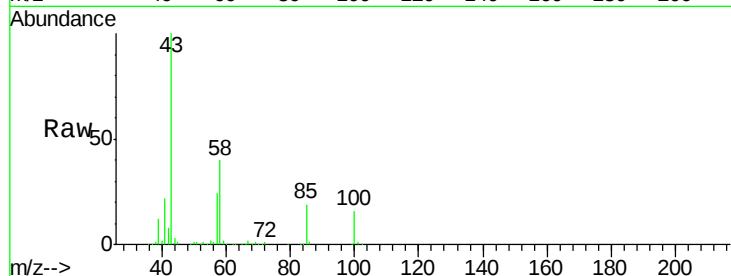




#51
 4-Methyl-2-Pentanone
 Concen: 97.57 ug/l
 RT: 10.08 min Scan# 1369
 Delta R.T. 0.00 min
 Lab File: VY001955.D
 Acq: 12 Mar 2020 11:43

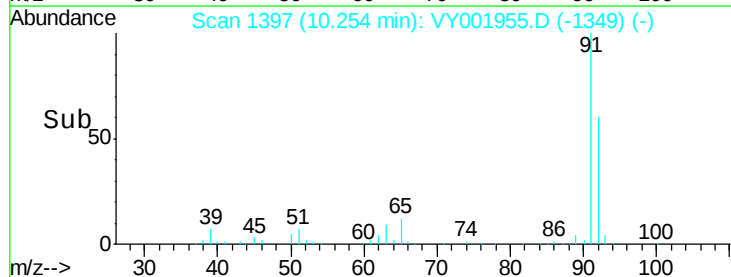
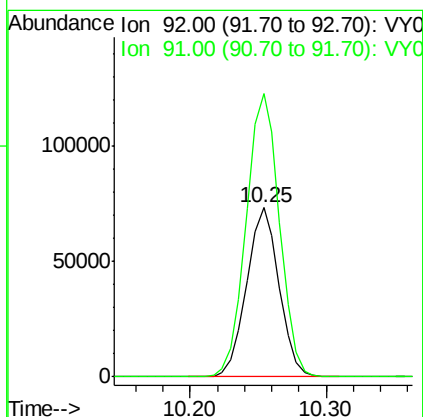
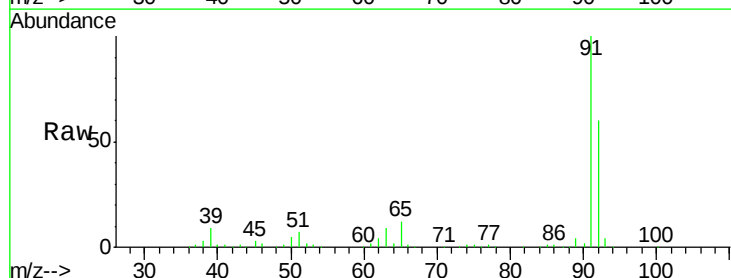
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0312SBS01

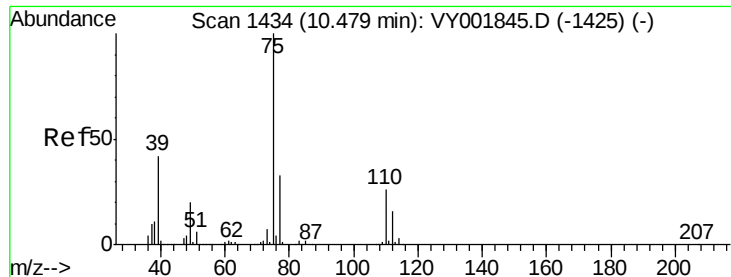
Tgt Ion: 43 Resp: 186266
 Ion Ratio Lower Upper
 43 100
 58 40.8 32.0 48.0



#52
 Toluene
 Concen: 20.18 ug/l
 RT: 10.25 min Scan# 1397
 Delta R.T. -0.01 min
 Lab File: VY001955.D
 Acq: 12 Mar 2020 11:43

Tgt Ion: 92 Resp: 122371
 Ion Ratio Lower Upper
 92 100
 91 171.5 138.6 208.0





#53

t-1,3-Dichloropropene

Concen: 20.67 ug/l

RT: 10.47 min Scan# 1433

Delta R.T. -0.01 min

Lab File: VY001955.D

Acq: 12 Mar 2020 11:43

Instrument :

MSVOA_Y

ClientSampleId :

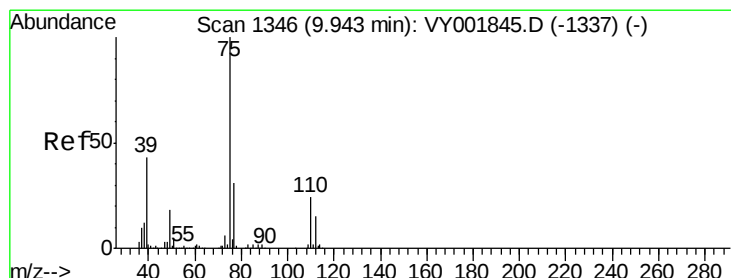
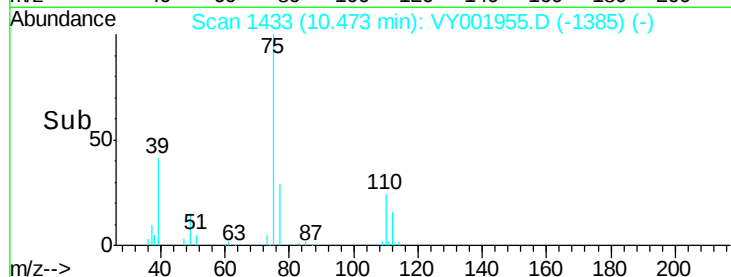
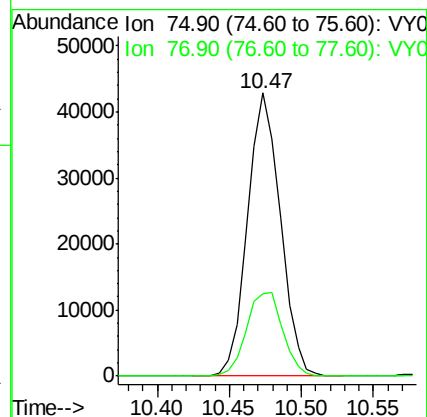
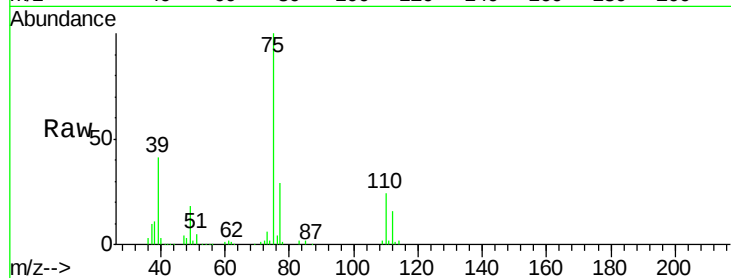
VY0312SBS01

Tgt Ion: 75 Resp: 67760

Ion Ratio Lower Upper

75 100

77 28.8 26.3 39.5



#54

cis-1,3-Dichloropropene

Concen: 20.44 ug/l

RT: 9.94 min Scan# 1345

Delta R.T. -0.01 min

Lab File: VY001955.D

Acq: 12 Mar 2020 11:43

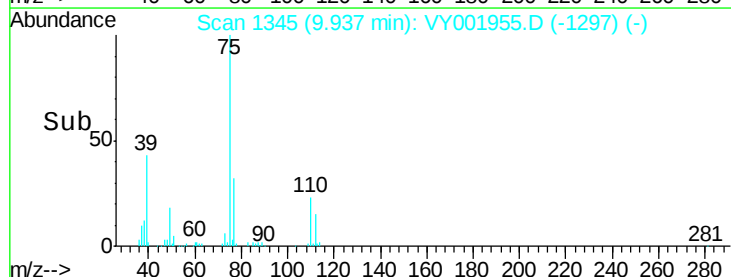
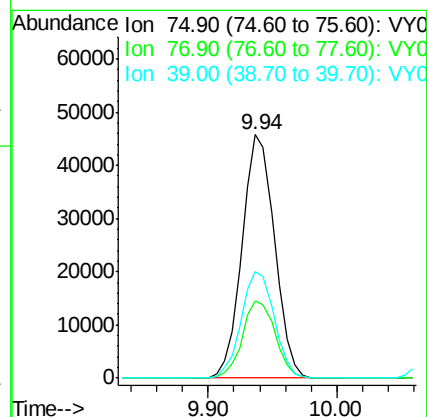
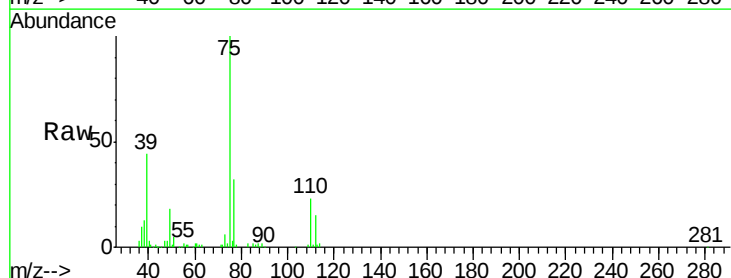
Tgt Ion: 75 Resp: 79761

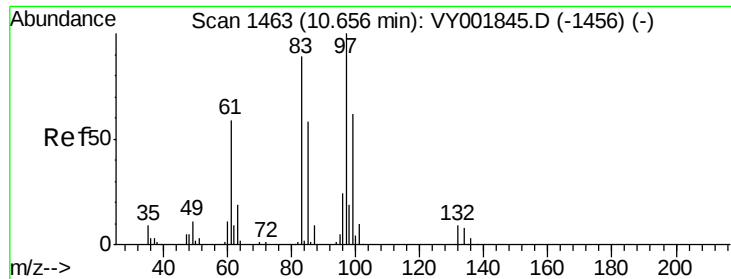
Ion Ratio Lower Upper

75 100

77 31.9 25.1 37.7

39 43.7 34.7 52.1





#55

1,1,2-Trichloroethane

Concen: 20.14 ug/l

RT: 10.66 min Scan# 1463

Delta R.T. 0.00 min

Lab File: VY001955.D

Acq: 12 Mar 2020 11:43

Instrument :

MSVOA_Y

ClientSampleId :

VY0312SBS01

Tgt Ion: 97 Resp: 38118

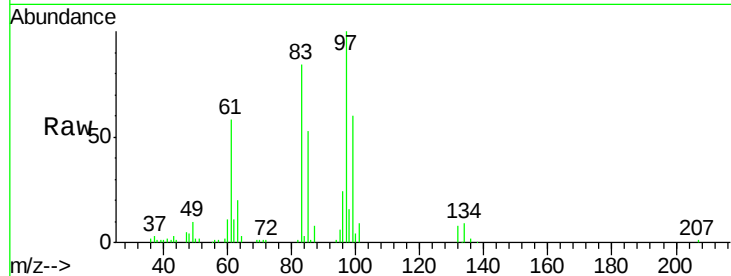
Ion Ratio Lower Upper

97 100

83 84.2 71.6 107.4

85 53.4 46.6 69.8

99 59.5 49.8 74.6

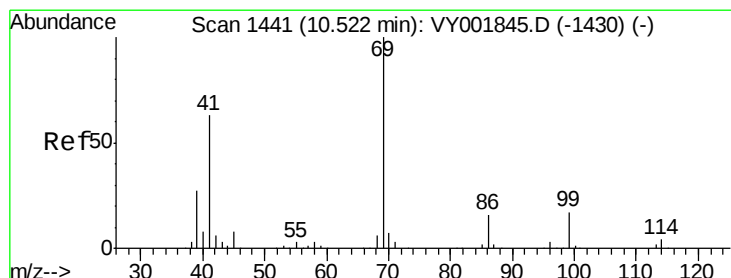
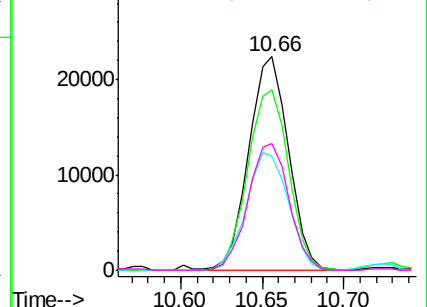
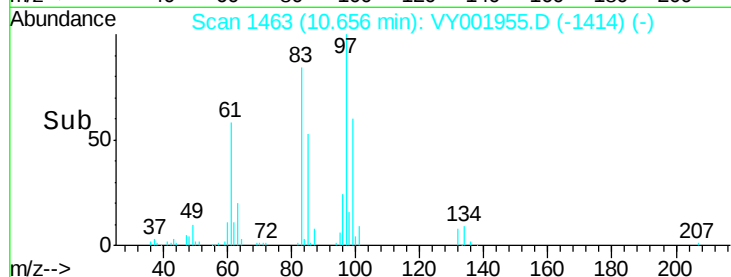


Abundance Ion 96.90 (96.60 to 97.60): VY0

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: 19.56 ug/l

RT: 10.52 min Scan# 1440

Delta R.T. -0.01 min

Lab File: VY001955.D

Acq: 12 Mar 2020 11:43

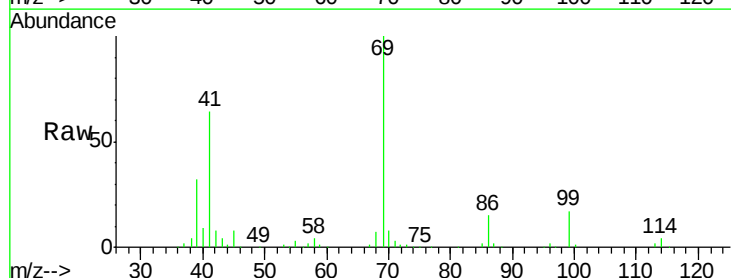
Tgt Ion: 69 Resp: 54263

Ion Ratio Lower Upper

69 100

41 64.2 49.9 74.9

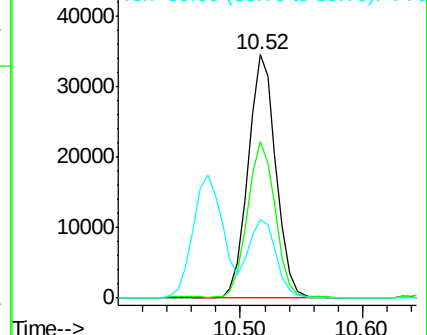
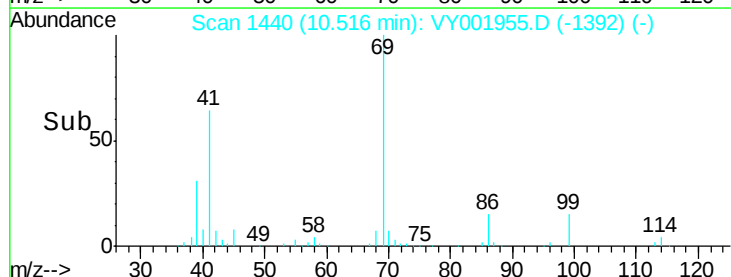
39 32.5 23.0 34.6

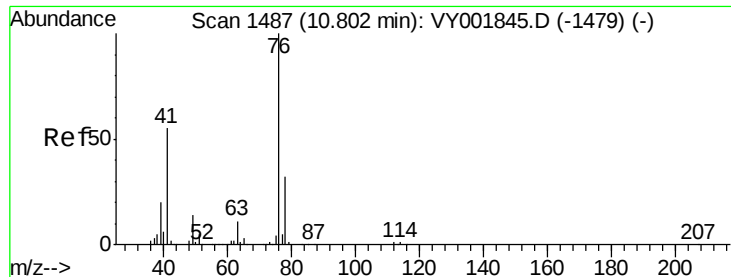


Abundance Ion 69.00 (68.70 to 69.70): VY0

Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0





#57

1,3-Dichloropropane

Concen: 19.85 ug/l

RT: 10.80 min Scan# 1486

Delta R.T. -0.01 min

Lab File: VY001955.D

Acq: 12 Mar 2020 11:43

Instrument :

MSVOA_Y

ClientSampleId :

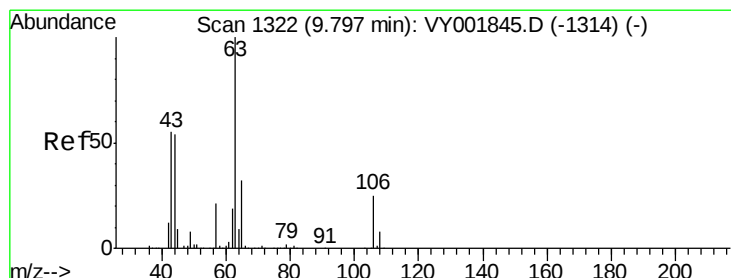
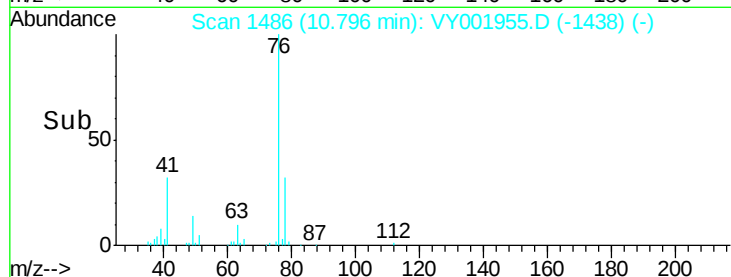
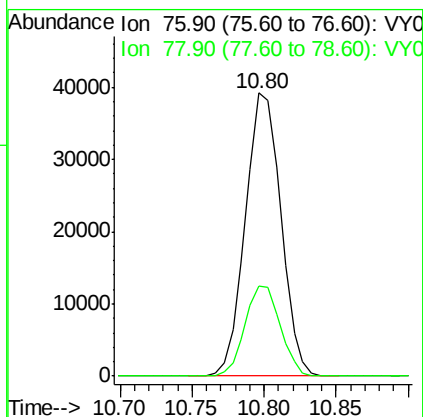
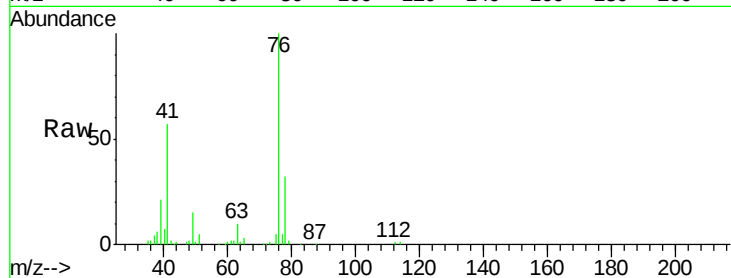
VY0312SBS01

Tgt Ion: 76 Resp: 66987

Ion Ratio Lower Upper

76 100

78 31.8 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 131.23 ug/l

RT: 9.80 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VY001955.D

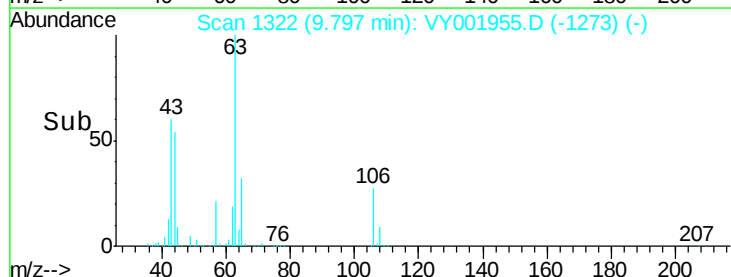
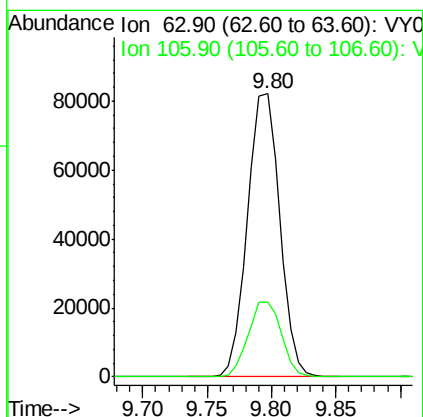
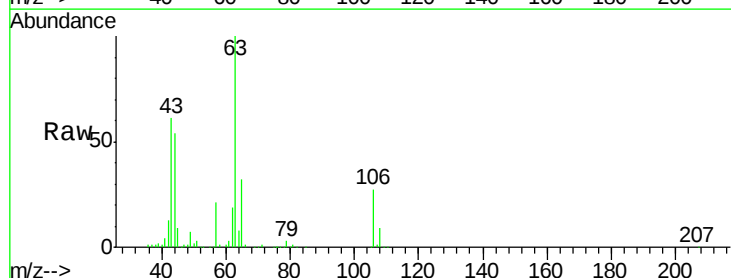
Acq: 12 Mar 2020 11:43

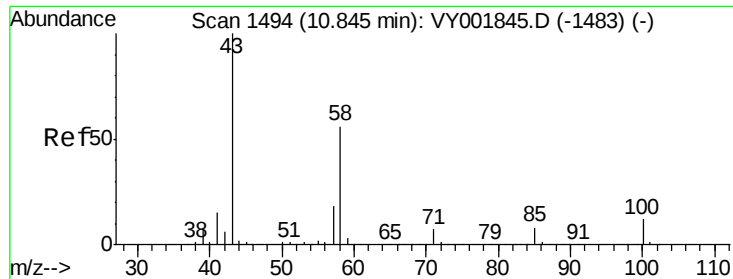
Tgt Ion: 63 Resp: 142086

Ion Ratio Lower Upper

63 100

106 27.2 21.3 31.9

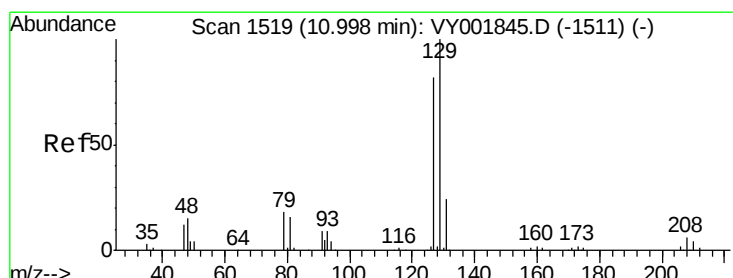
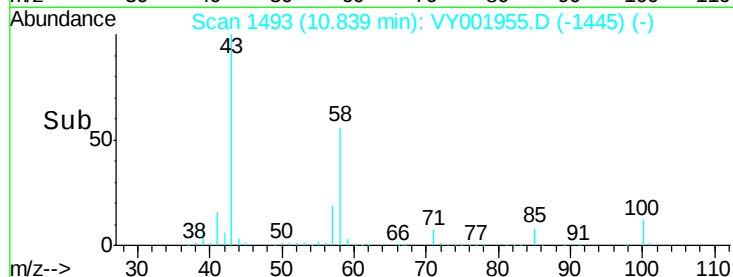
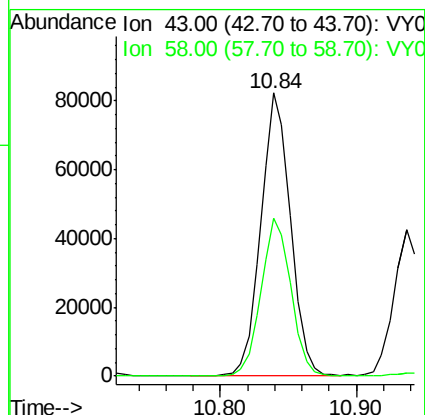
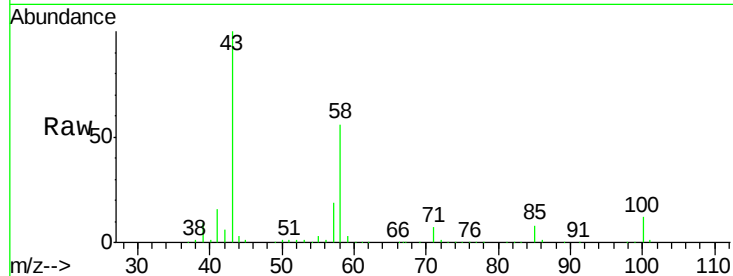




#59
2-Hexanone
Concen: 92.62 ug/l
RT: 10.84 min Scan# 1493
Delta R.T. -0.01 min
Lab File: VY001955.D
Acq: 12 Mar 2020 11:43

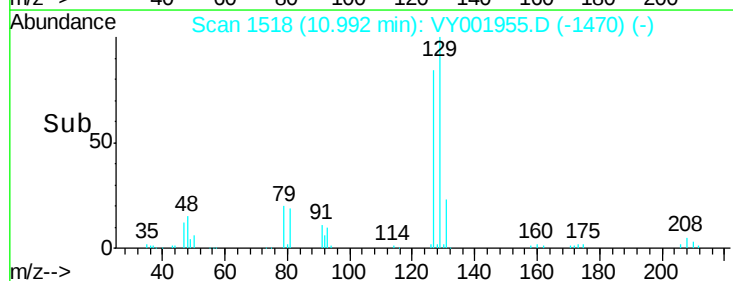
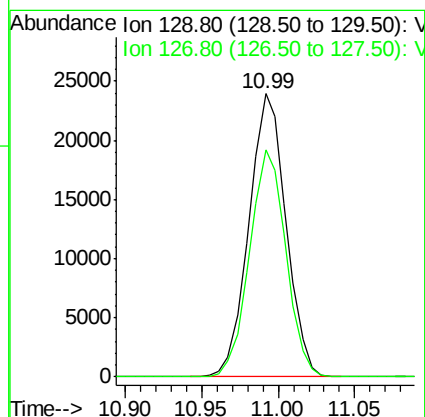
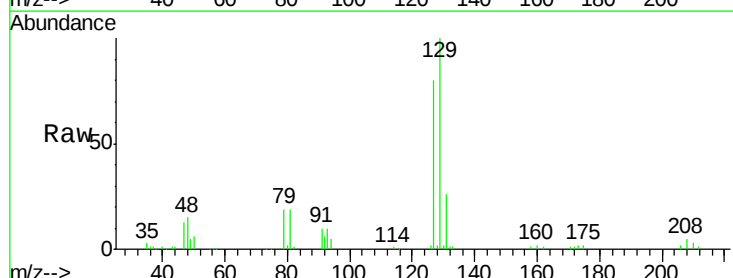
Instrument :
MSVOA_Y
ClientSampleId :
VY0312SBS01

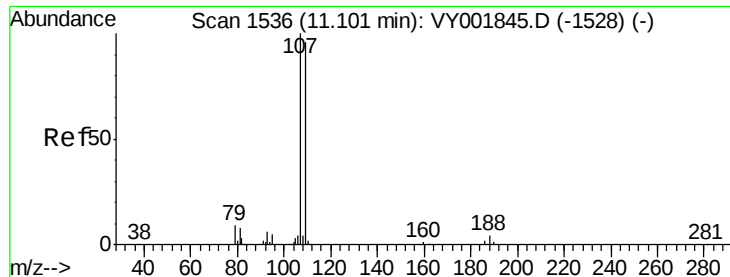
Tgt Ion: 43 Resp: 126203
Ion Ratio Lower Upper
43 100
58 56.3 28.1 84.3



#60
Dibromochloromethane
Concen: 20.20 ug/l
RT: 10.99 min Scan# 1518
Delta R.T. -0.01 min
Lab File: VY001955.D
Acq: 12 Mar 2020 11:43

Tgt Ion: 129 Resp: 40288
Ion Ratio Lower Upper
129 100
127 78.7 39.0 117.0

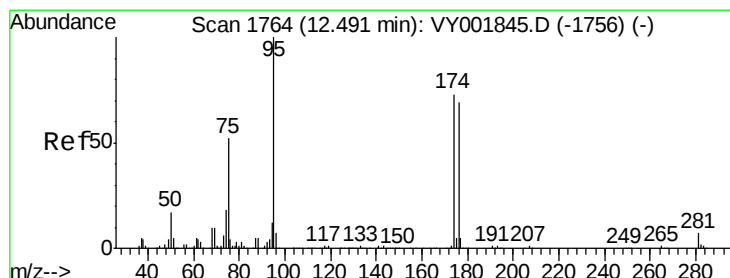
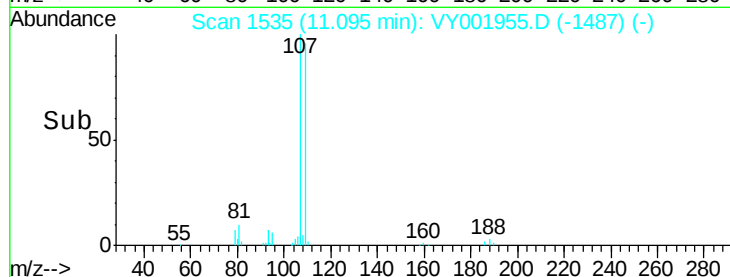
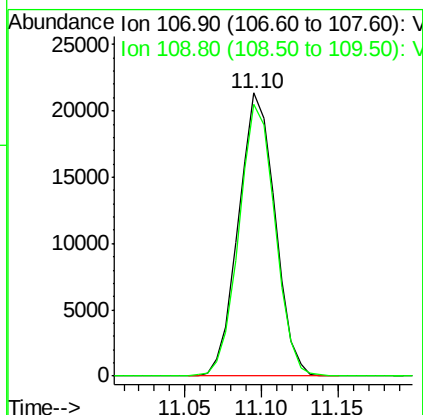
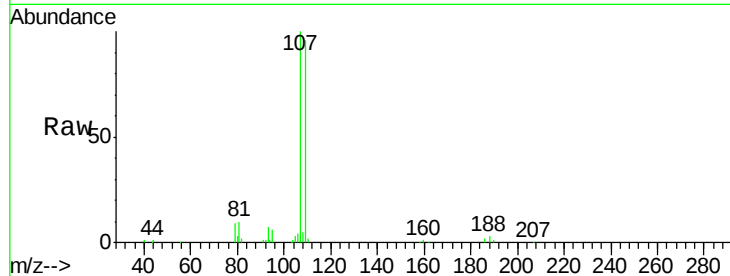




#61
 1,2-Dibromoethane
 Concen: 19.79 ug/l
 RT: 11.10 min Scan# 1535
 Delta R.T. -0.01 min
 Lab File: VY001955.D
 Acq: 12 Mar 2020 11:43

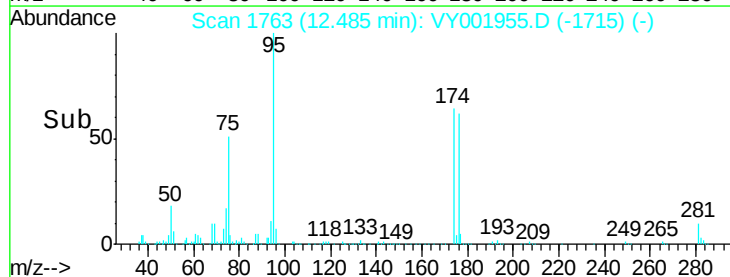
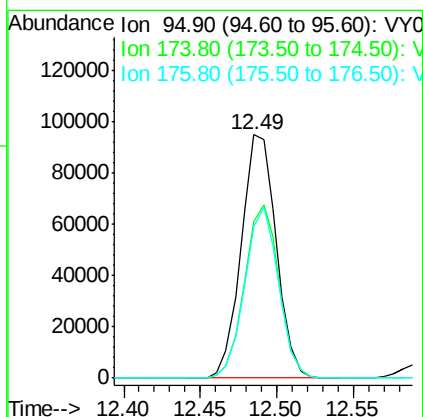
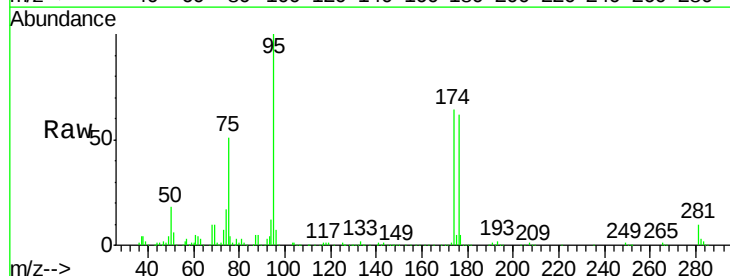
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0312SBS01

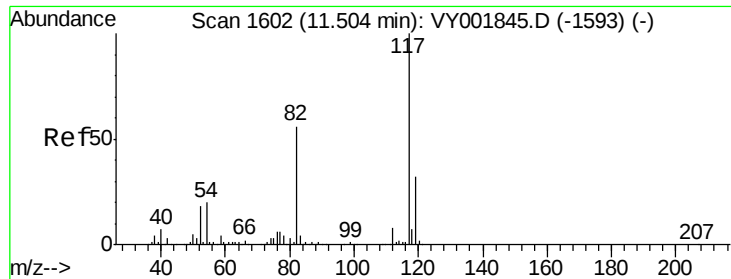
Tgt Ion: 107 Resp: 35474
 Ion Ratio Lower Upper
 107 100
 109 95.0 75.4 113.0



#62
 4-Bromofluorobenzene
 Concen: 53.80 ug/l
 RT: 12.49 min Scan# 1763
 Delta R.T. -0.01 min
 Lab File: VY001955.D
 Acq: 12 Mar 2020 11:43

Tgt Ion: 95 Resp: 150762
 Ion Ratio Lower Upper
 95 100
 174 69.9 0.0 145.0
 176 67.9 0.0 137.4

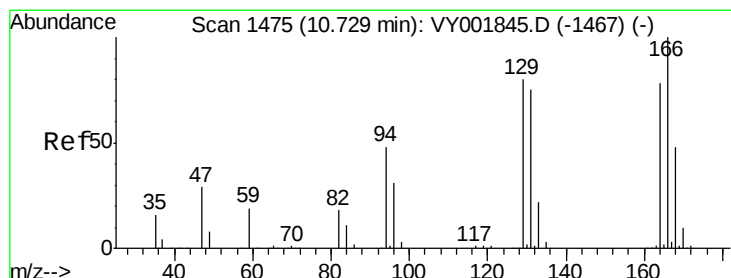
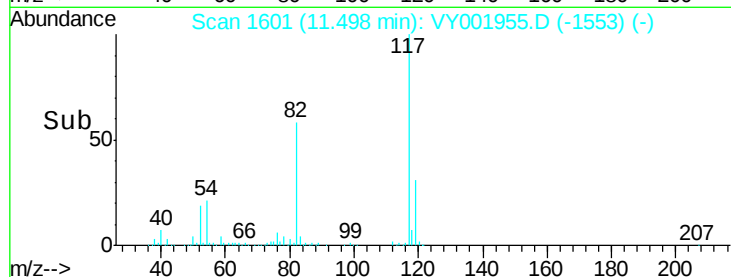
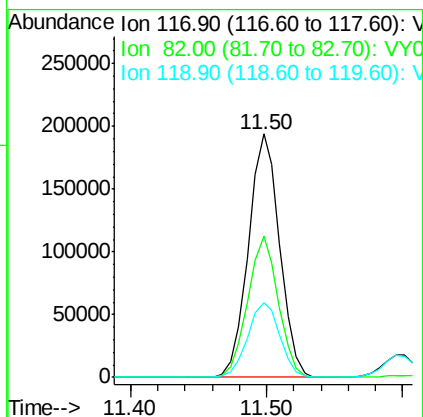
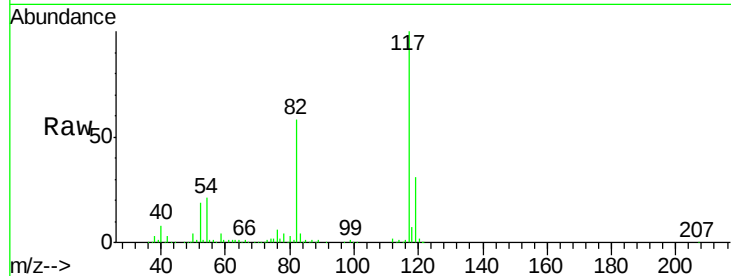




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: VY001955.D
Acq: 12 Mar 2020 11:43

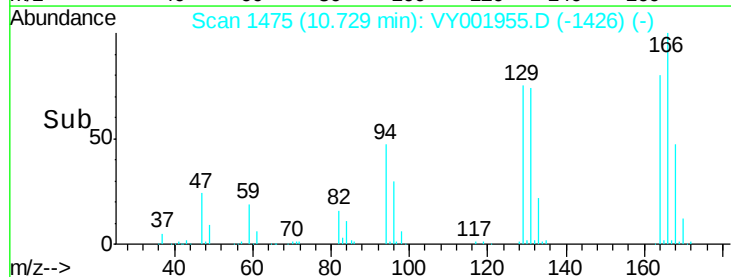
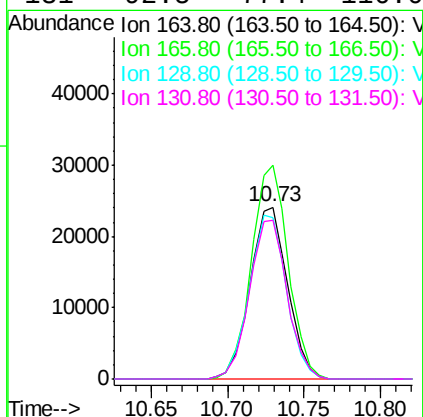
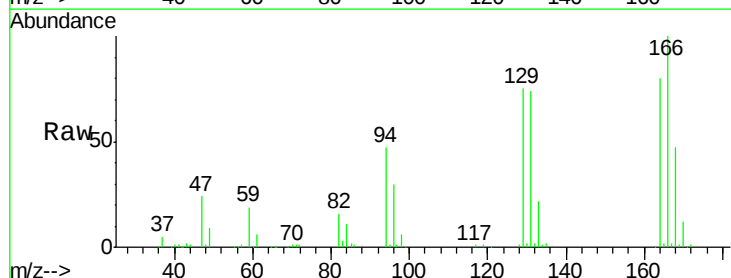
Instrument :
MSVOA_Y
ClientSampleId :
VY0312SBS01

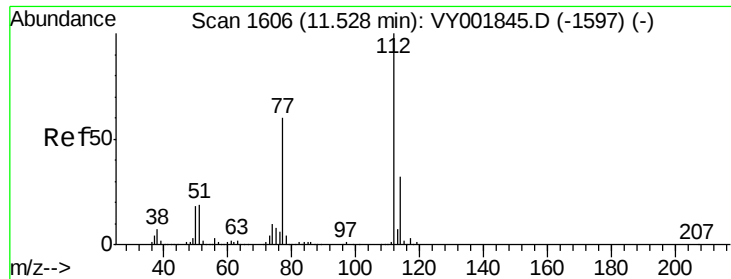
Tgt Ion:117 Resp: 310928
Ion Ratio Lower Upper
117 100
82 58.2 44.5 66.7
119 30.7 25.7 38.5



#64
Tetrachloroethene
Concen: 21.07 ug/l
RT: 10.73 min Scan# 1475
Delta R.T. 0.00 min
Lab File: VY001955.D
Acq: 12 Mar 2020 11:43

Tgt Ion:164 Resp: 41091
Ion Ratio Lower Upper
164 100
166 124.4 102.6 154.0
129 93.7 82.3 123.5
131 92.5 77.4 116.0

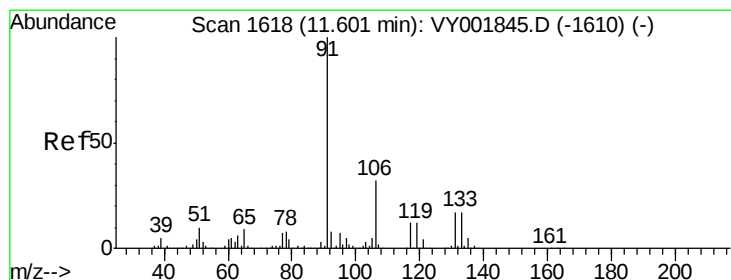
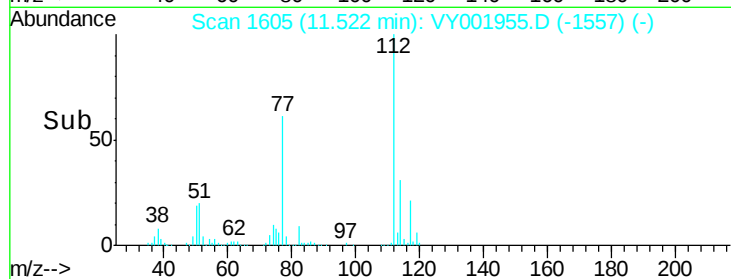
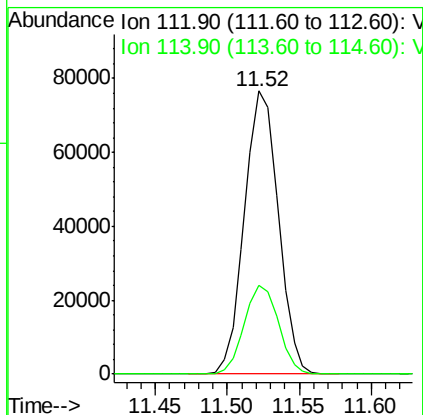
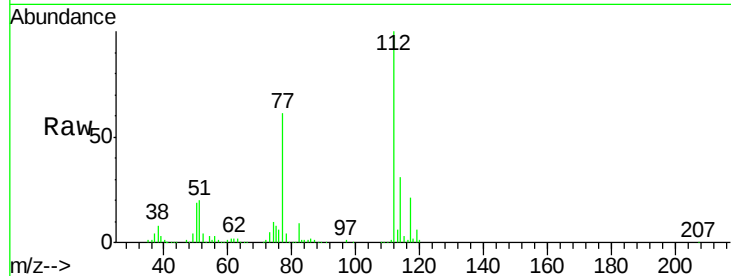




#65
Chlorobenzene
Concen: 20.19 ug/l
RT: 11.52 min Scan# 1605
Delta R.T. -0.01 min
Lab File: VY001955.D
Acq: 12 Mar 2020 11:43

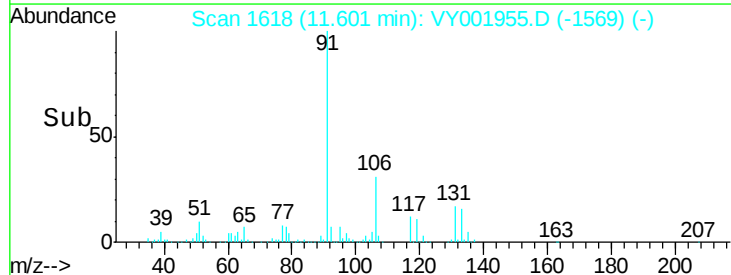
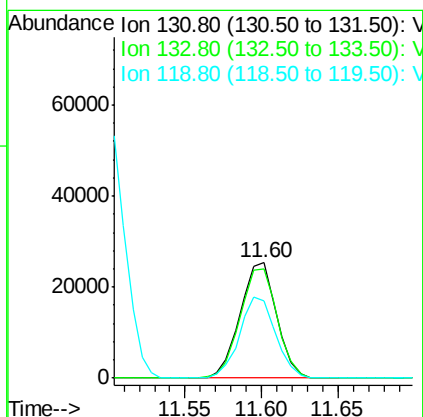
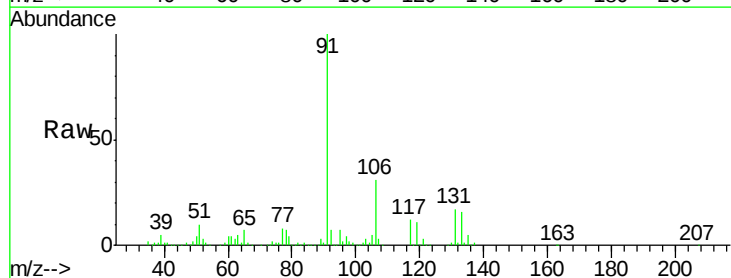
Instrument :
MSVOA_Y
ClientSampleId :
VY0312SBSD01

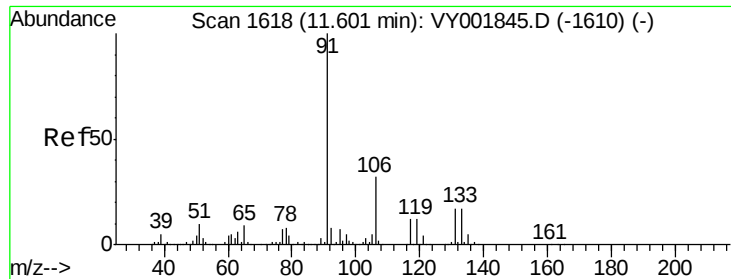
Tgt Ion:112 Resp: 125056
Ion Ratio Lower Upper
112 100
114 31.2 25.9 38.9



#66
1,1,1,2-Tetrachloroethane
Concen: 20.70 ug/l
RT: 11.60 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VY001955.D
Acq: 12 Mar 2020 11:43

Tgt Ion:131 Resp: 42058
Ion Ratio Lower Upper
131 100
133 96.2 47.1 141.3
119 69.5 34.5 103.6

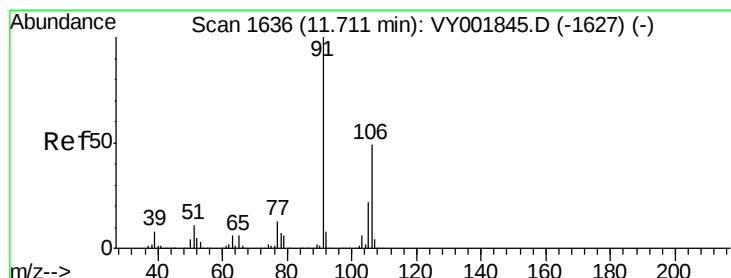
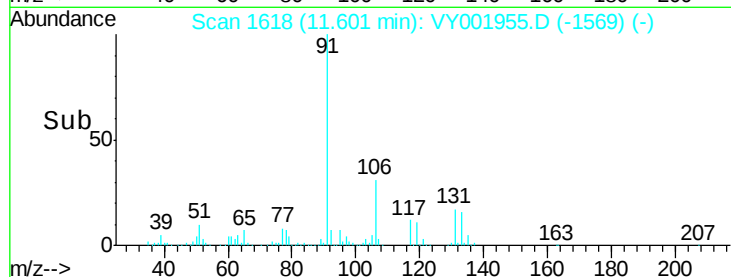
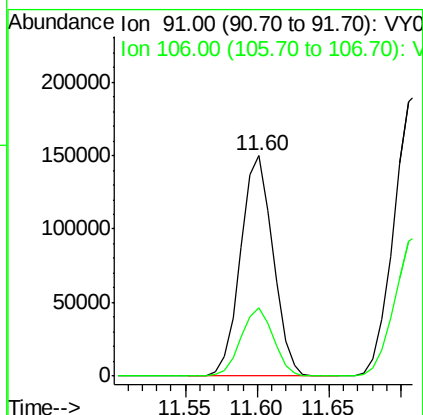
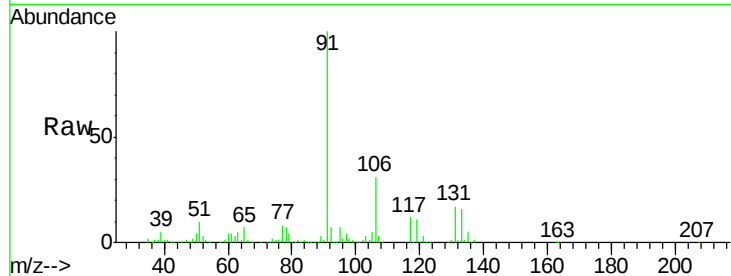




#67
Ethyl Benzene
Concen: 20.28 ug/l
RT: 11.60 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VY001955.D
Acq: 12 Mar 2020 11:43

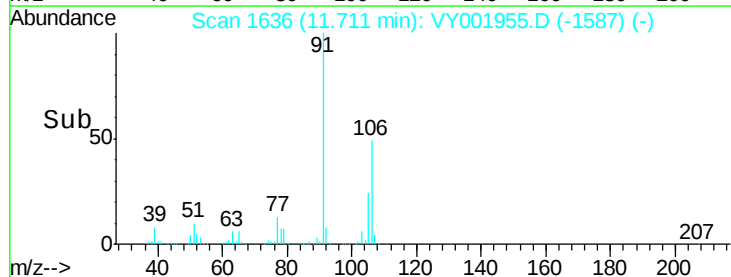
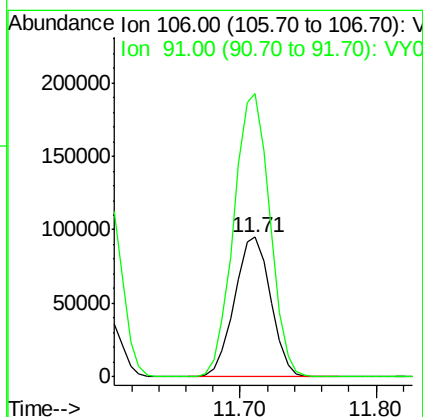
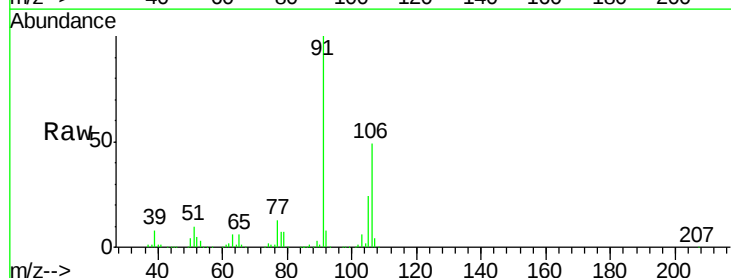
Instrument :
MSVOA_Y
ClientSampleId :
VY0312SBS01

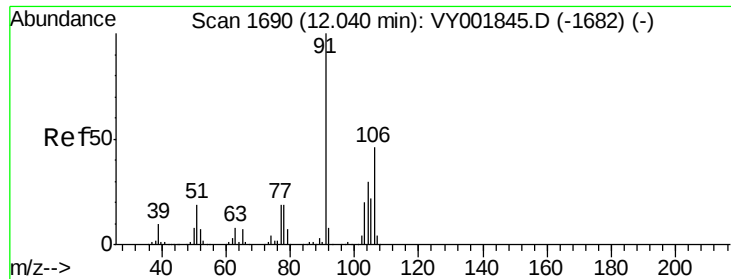
Tgt Ion: 91 Resp: 234354
Ion Ratio Lower Upper
91 100
106 31.1 25.4 38.2



#68
m/p-Xylenes
Concen: 41.16 ug/l
RT: 11.71 min Scan# 1636
Delta R.T. 0.00 min
Lab File: VY001955.D
Acq: 12 Mar 2020 11:43

Tgt Ion: 106 Resp: 175822
Ion Ratio Lower Upper
106 100
91 202.0 161.3 241.9

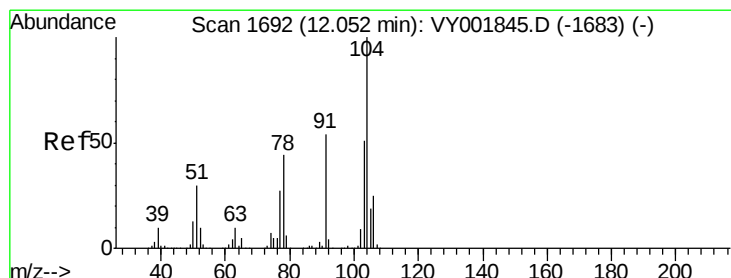
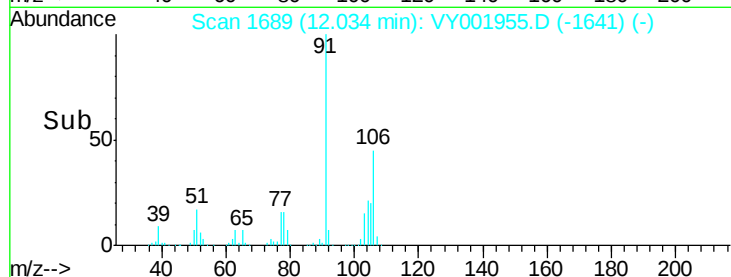
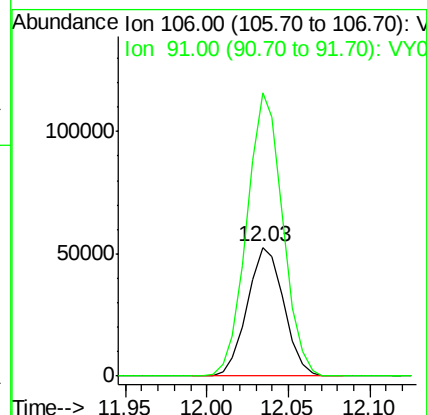
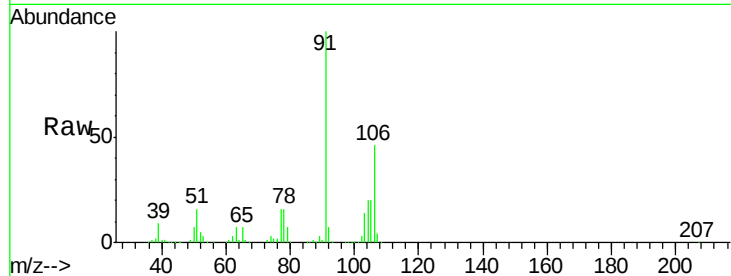




#69
o-Xylene
Concen: 20.36 ug/l
RT: 12.03 min Scan# 1689
Delta R.T. -0.01 min
Lab File: VY001955.D
Acq: 12 Mar 2020 11:43

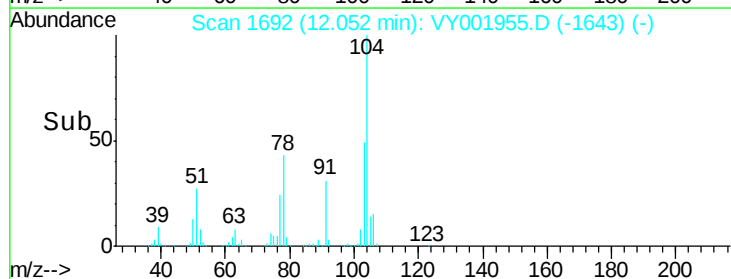
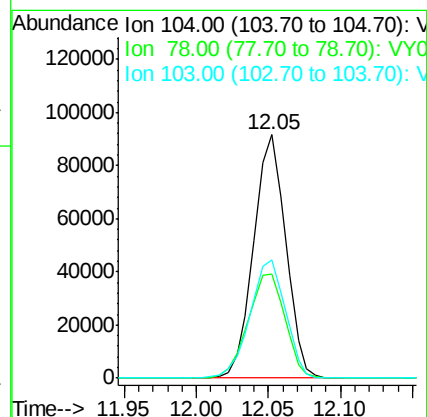
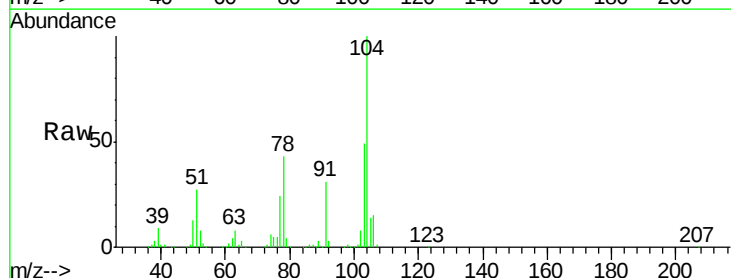
Instrument :
MSVOA_Y
ClientSampleId :
VY0312SBS01

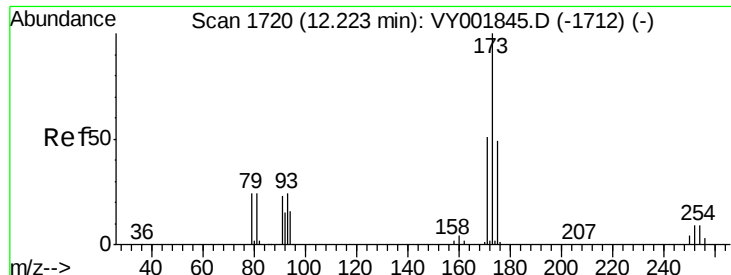
Tgt Ion:106 Resp: 81980
Ion Ratio Lower Upper
106 100
91 216.8 106.8 320.4



#70
Styrene
Concen: 20.49 ug/l
RT: 12.05 min Scan# 1692
Delta R.T. 0.00 min
Lab File: VY001955.D
Acq: 12 Mar 2020 11:43

Tgt Ion:104 Resp: 141284
Ion Ratio Lower Upper
104 100
78 49.7 38.5 57.7
103 53.7 42.9 64.3





#71

Bromoform

Concen: 19.91 ug/l

RT: 12.22 min Scan# 1719

Delta R.T. -0.01 min

Lab File: VY001955.D

Acq: 12 Mar 2020 11:43

Instrument :

MSVOA_Y

ClientSampleId :

VY0312SBS01

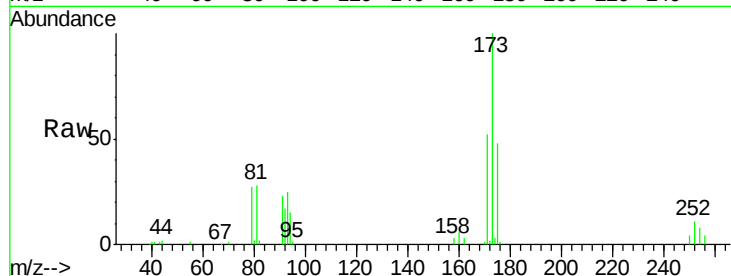
Tgt Ion:173 Resp: 21933

Ion Ratio Lower Upper

173 100

175 48.6 24.3 72.8

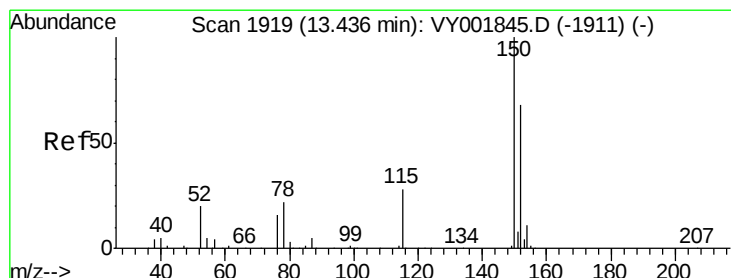
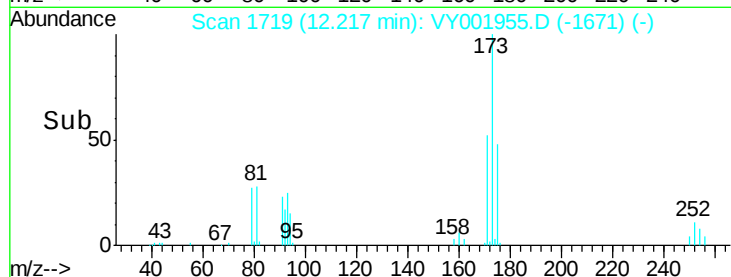
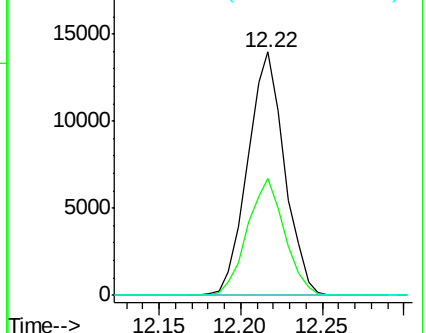
254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.43 min Scan# 1918

Delta R.T. -0.01 min

Lab File: VY001955.D

Acq: 12 Mar 2020 11:43

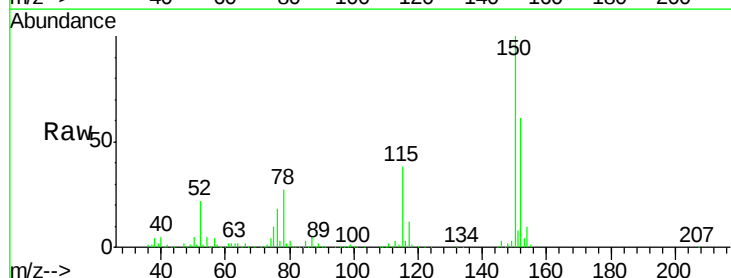
Tgt Ion:152 Resp: 144026

Ion Ratio Lower Upper

152 100

115 61.7 29.9 89.7

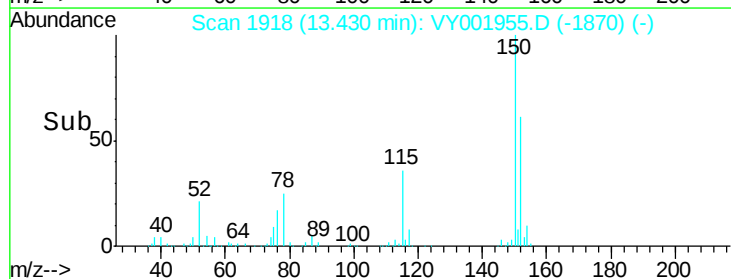
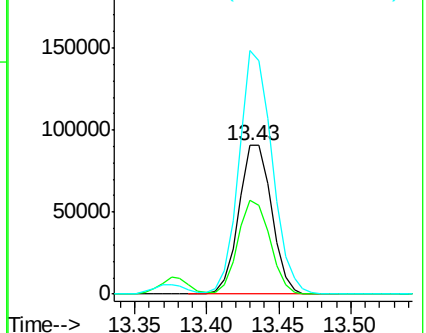
150 164.7 0.0 340.6

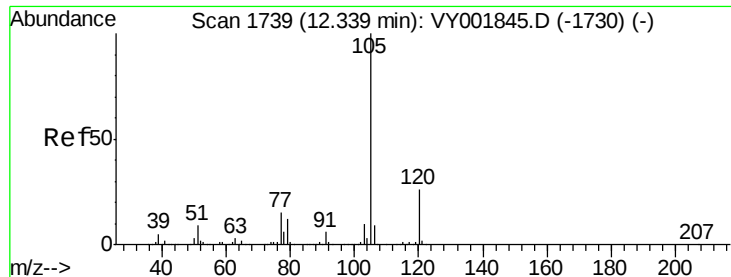


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.18 ug/l

RT: 12.34 min Scan# 1739

Delta R.T. 0.00 min

Lab File: VY001955.D

Acq: 12 Mar 2020 11:43

Instrument :

MSVOA_Y

ClientSampleId :

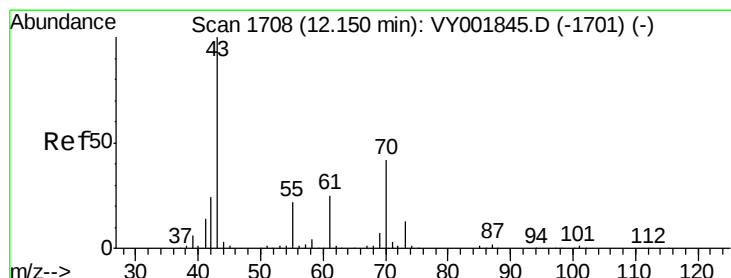
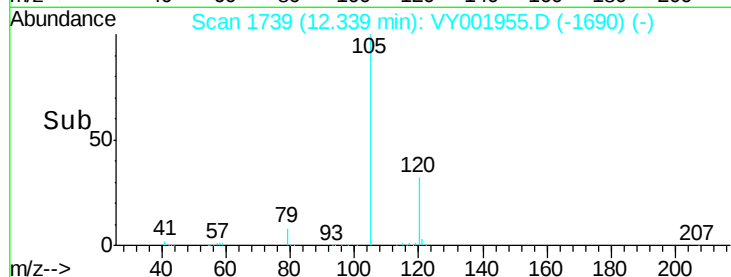
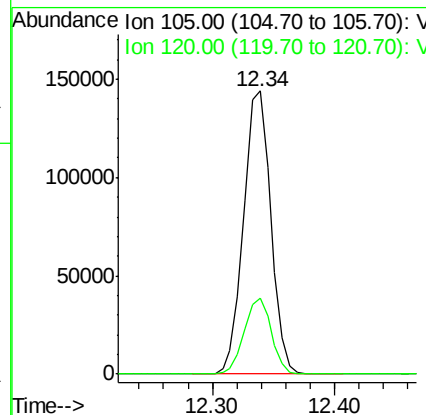
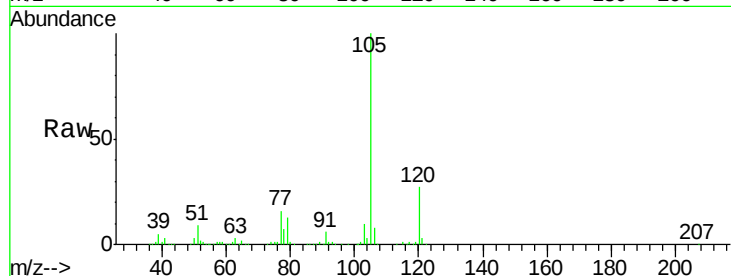
VY0312SBS01

Tgt Ion: 105 Resp: 221845

Ion Ratio Lower Upper

105 100

120 26.6 13.1 39.3



#74

N-ethyl acetate

Concen: 18.99 ug/l

RT: 12.15 min Scan# 1708

Delta R.T. 0.00 min

Lab File: VY001955.D

Acq: 12 Mar 2020 11:43

Tgt Ion: 43 Resp: 64175

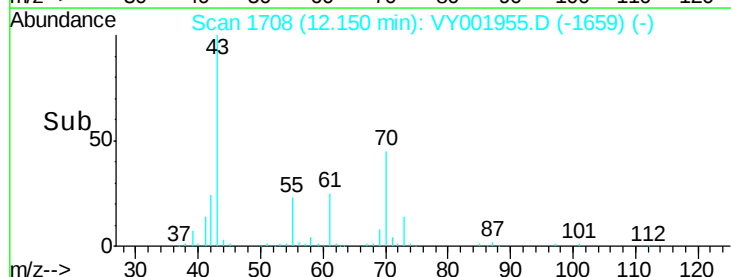
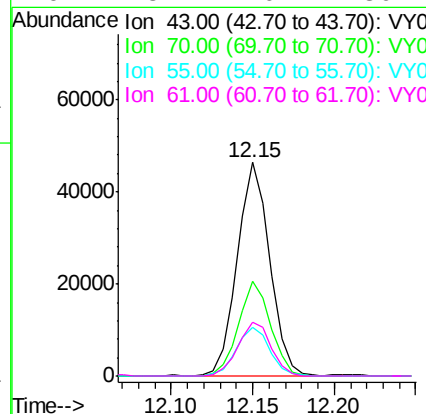
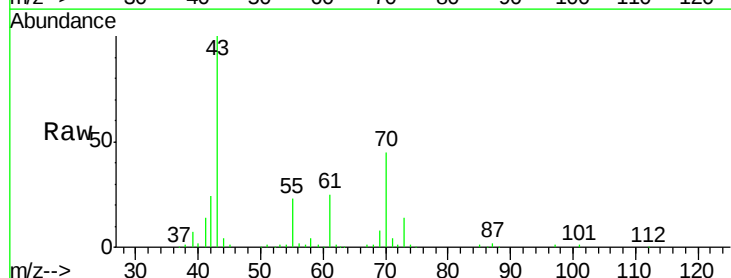
Ion Ratio Lower Upper

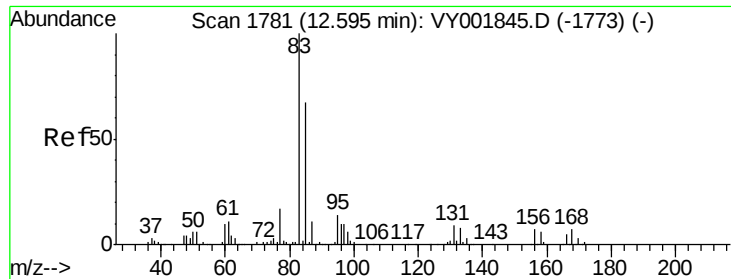
43 100

70 44.0 34.7 52.1

55 23.7 18.2 27.4

61 25.7 20.1 30.1





#75

1,1,2,2-Tetrachloroethane

Concen: 19.49 ug/l

RT: 12.59 min Scan# 1780

Delta R.T. -0.01 min

Lab File: VY001955.D

Acq: 12 Mar 2020 11:43

Instrument :

MSVOA_Y

ClientSampleId :

VY0312SBS01

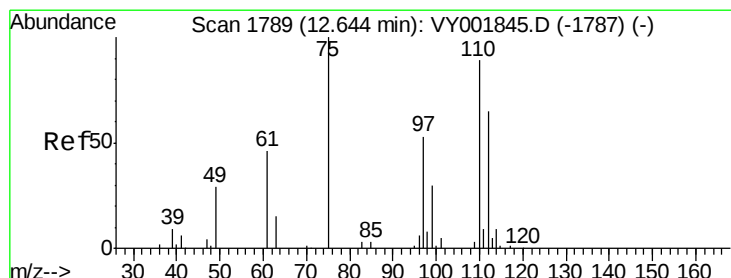
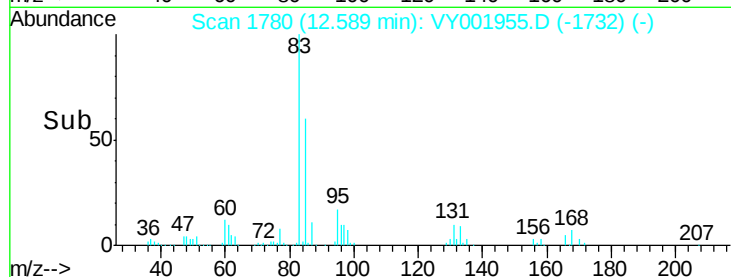
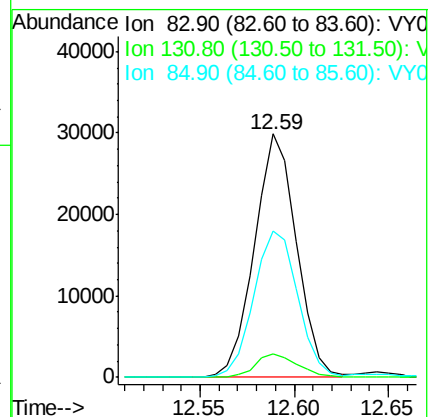
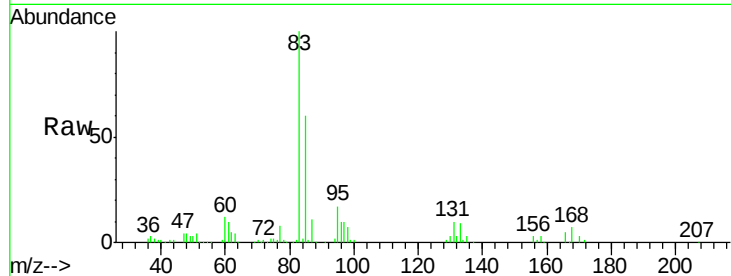
Tgt Ion: 83 Resp: 46206

Ion Ratio Lower Upper

83 100

131 9.8 4.6 13.8

85 63.3 32.1 96.3



#76

1,2,3-Trichloropropane

Concen: 35.76 ug/l

RT: 12.64 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VY001955.D

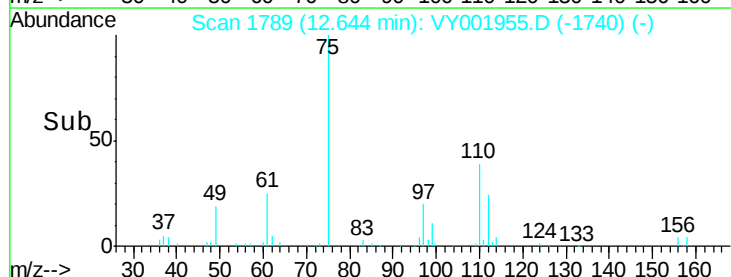
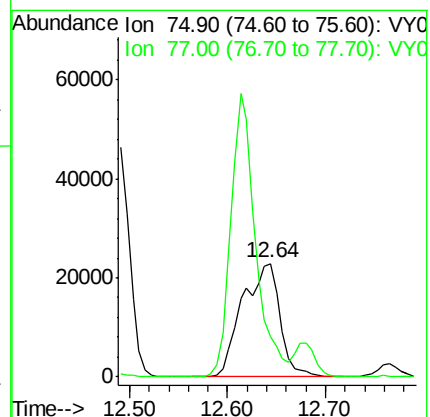
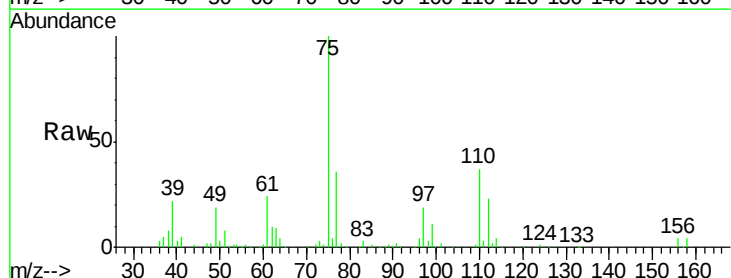
Acq: 12 Mar 2020 11:43

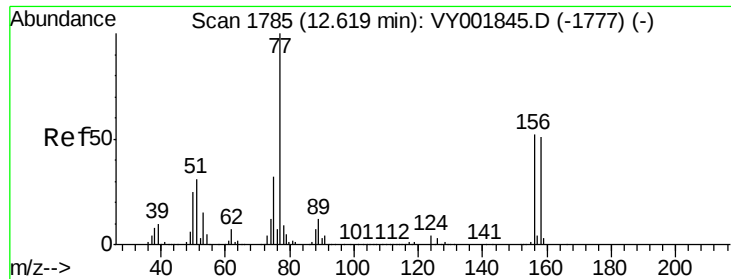
Tgt Ion: 75 Resp: 61114

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 20.64 ug/l

RT: 12.61 min Scan# 1784

Delta R.T. -0.01 min

Lab File: VY001955.D

Acq: 12 Mar 2020 11:43

Instrument :

MSVOA_Y

ClientSampleId :

VY0312SBS01

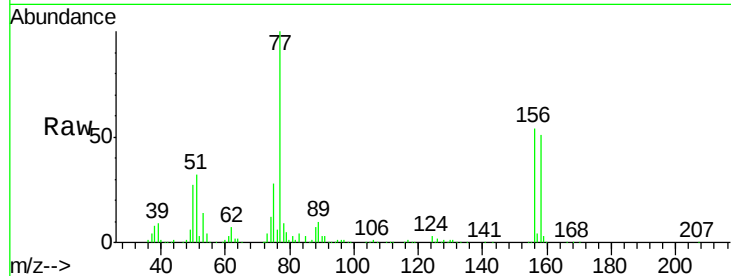
Tgt Ion:156 Resp: 48069

Ion Ratio Lower Upper

156 100

77 208.6 109.0 327.0

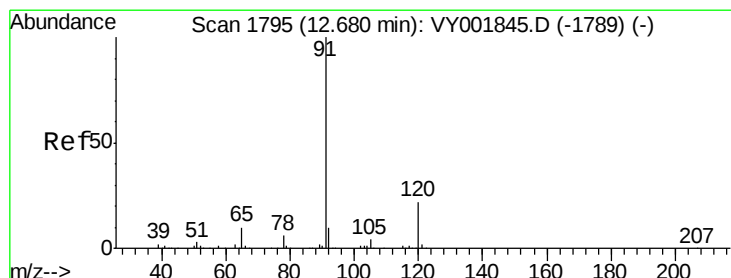
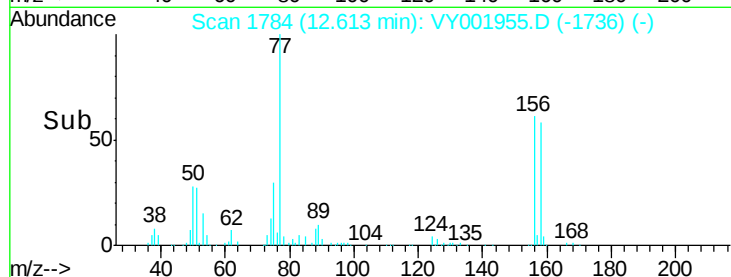
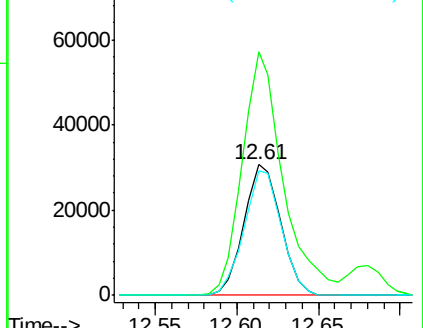
158 96.8 48.9 146.8



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: 20.23 ug/l

RT: 12.68 min Scan# 1795

Delta R.T. 0.00 min

Lab File: VY001955.D

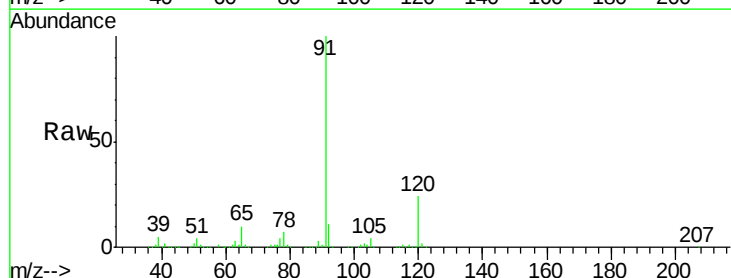
Acq: 12 Mar 2020 11:43

Tgt Ion: 91 Resp: 274415

Ion Ratio Lower Upper

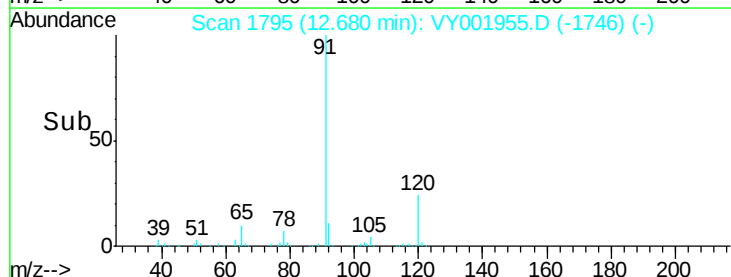
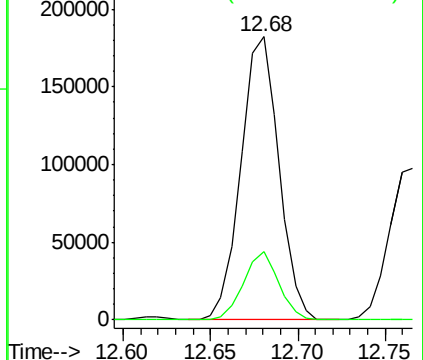
91 100

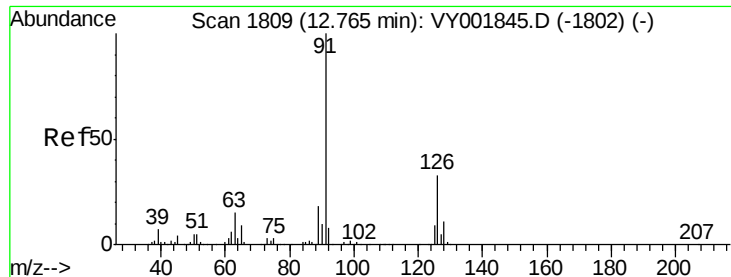
120 22.3 11.0 33.0



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.46 ug/l

RT: 12.77 min Scan# 1809

Delta R.T. 0.00 min

Lab File: VY001955.D

Acq: 12 Mar 2020 11:43

Instrument :

MSVOA_Y

ClientSampleId :

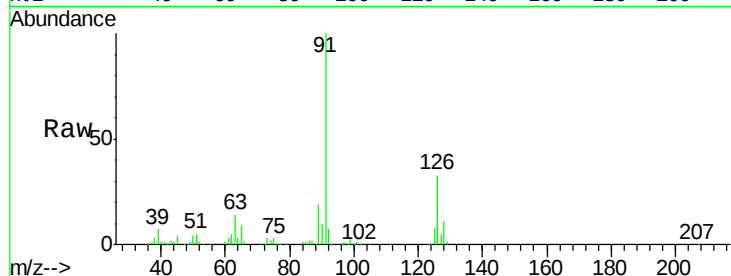
VY0312SBS01

Tgt Ion: 91 Resp: 153336

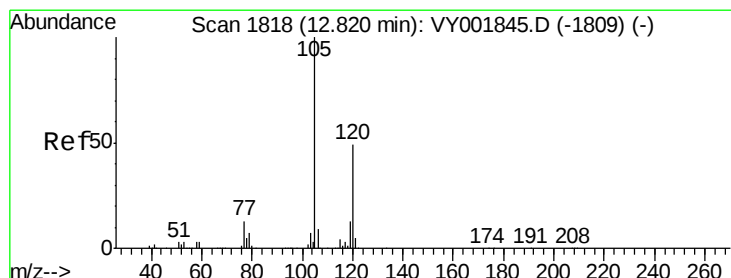
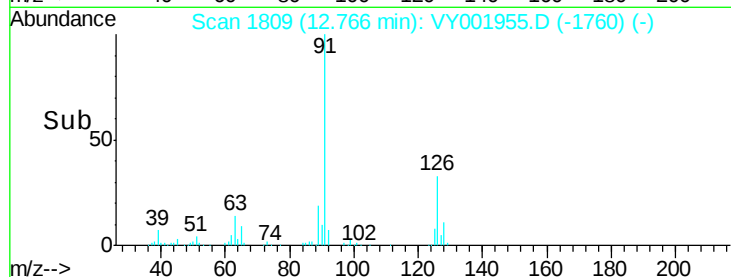
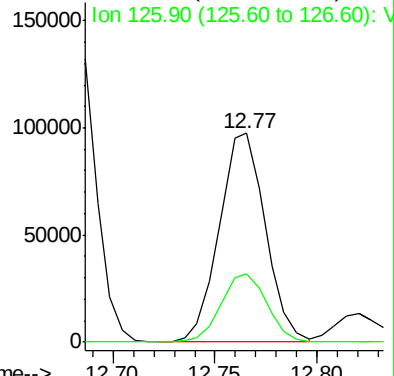
Ion Ratio Lower Upper

91 100

126 32.8 16.3 48.8



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



#80

1,3,5-Trimethylbenzene

Concen: 20.69 ug/l

RT: 12.82 min Scan# 1818

Delta R.T. 0.00 min

Lab File: VY001955.D

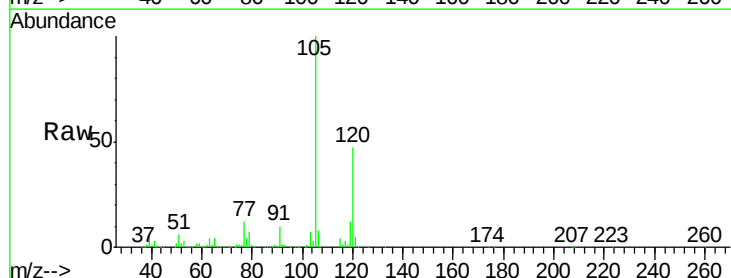
Acq: 12 Mar 2020 11:43

Tgt Ion: 105 Resp: 187294

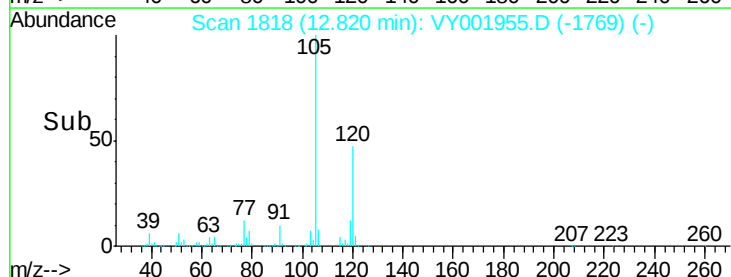
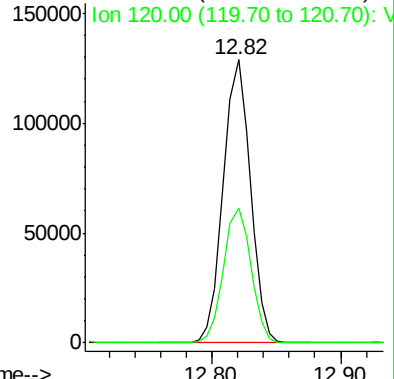
Ion Ratio Lower Upper

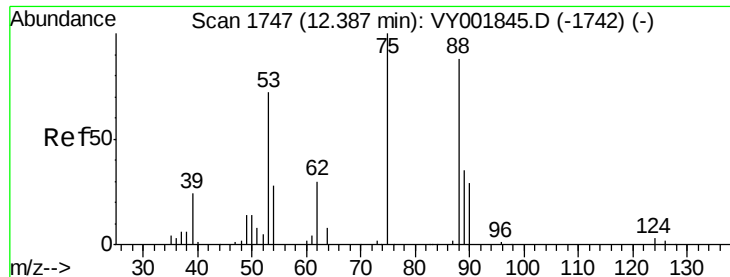
105 100

120 48.1 24.4 73.2



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





#81

trans-1,4-Dichloro-2-butene

Concen: 19.98 ug/l

RT: 12.39 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VY001955.D

Acq: 12 Mar 2020 11:43

Instrument :

MSVOA_Y

ClientSampleId :

VY0312SBS01

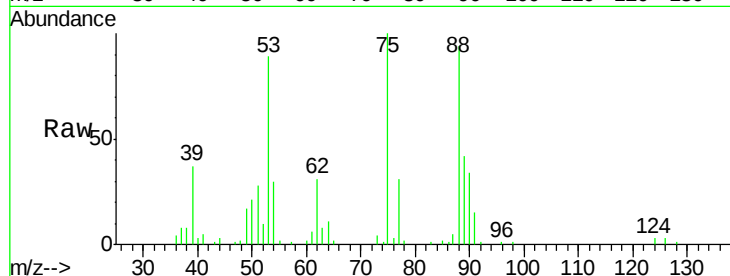
Tgt Ion: 75 Resp: 16905

Ion Ratio Lower Upper

75 100

53 84.1 65.4 98.0

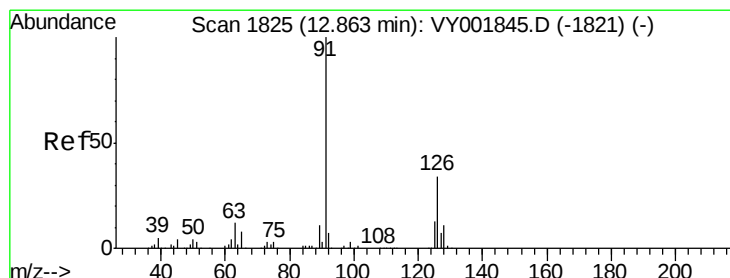
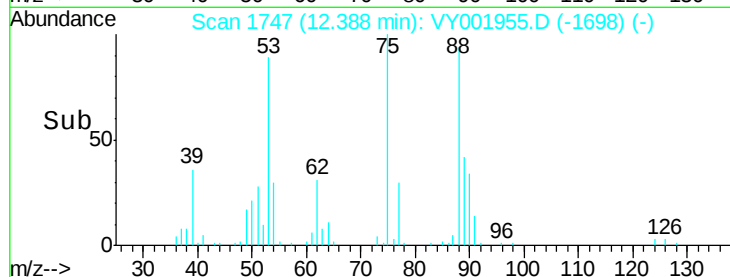
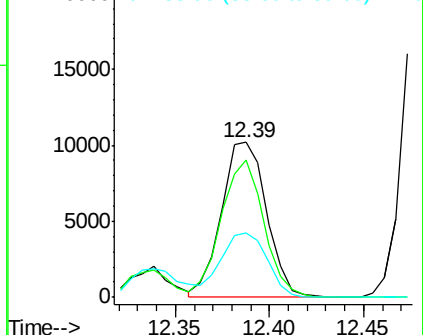
89 42.2 36.0 54.0



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: 20.71 ug/l

RT: 12.86 min Scan# 1825

Delta R.T. 0.00 min

Lab File: VY001955.D

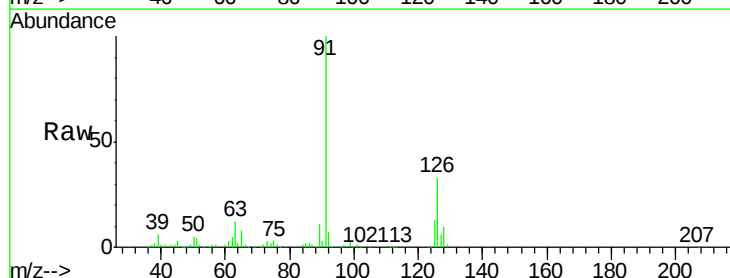
Acq: 12 Mar 2020 11:43

Tgt Ion: 91 Resp: 161614

Ion Ratio Lower Upper

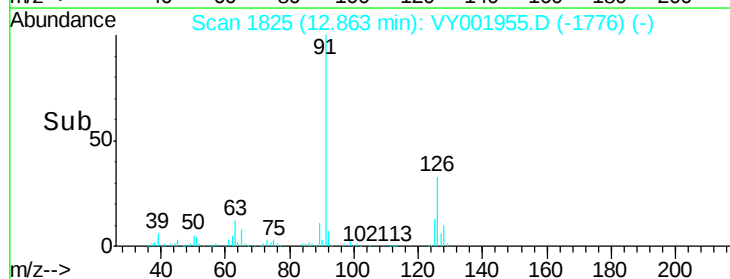
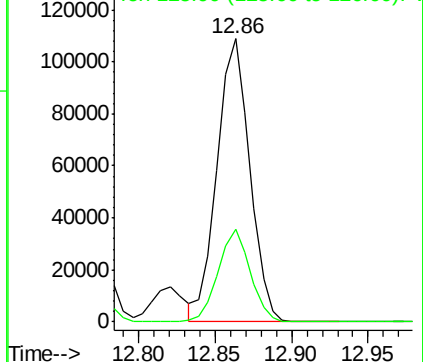
91 100

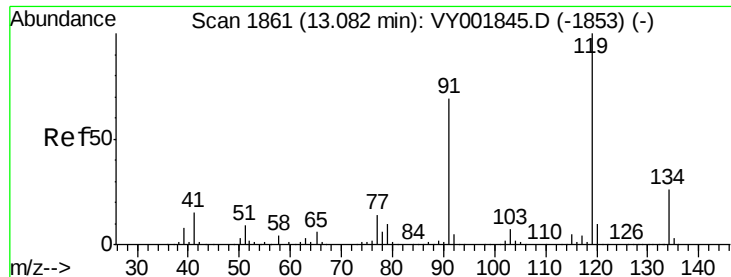
126 32.2 16.4 49.2



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V

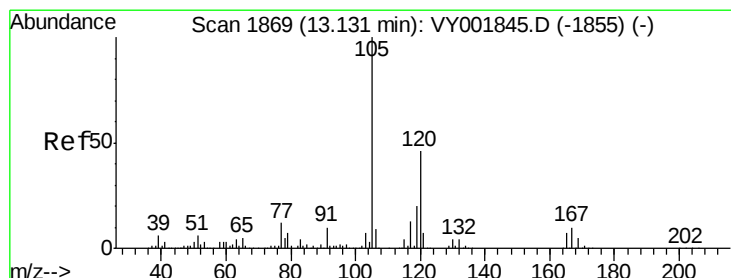
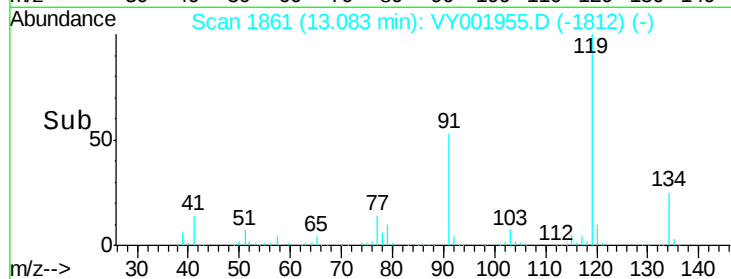
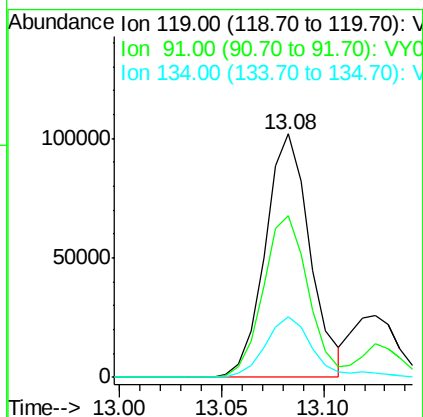
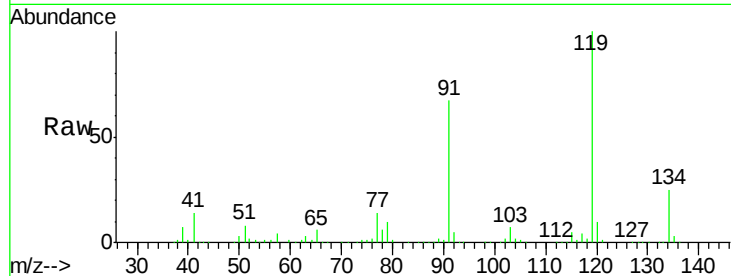




#83
 tert-Butylbenzene
 Concen: 20.67 ug/l
 RT: 13.08 min Scan# 1861
 Delta R.T. 0.00 min
 Lab File: VY001955.D
 Acq: 12 Mar 2020 11:43

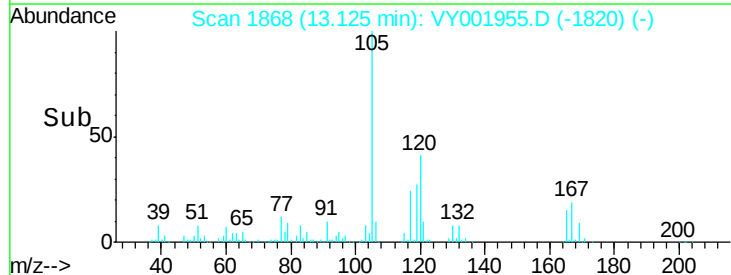
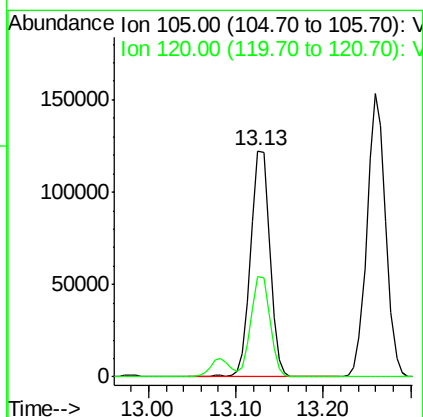
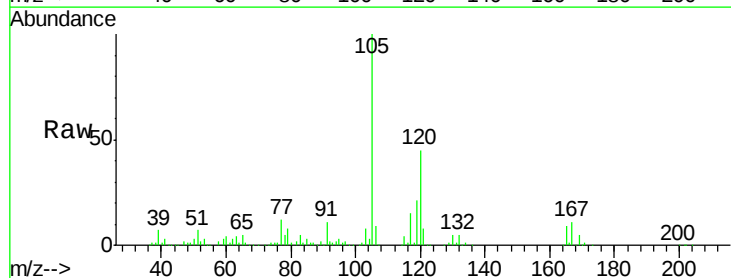
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0312SBS01

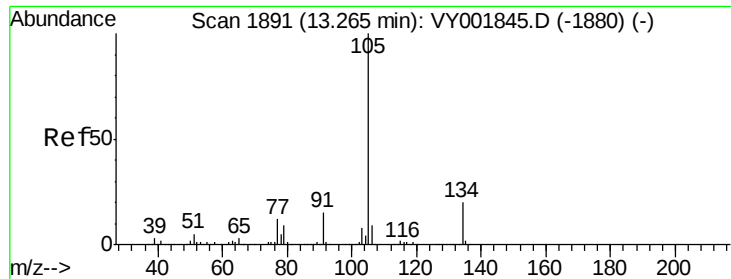
Tgt Ion:119 Resp: 155422
 Ion Ratio Lower Upper
 119 100
 91 66.7 34.0 101.8
 134 26.6 13.5 40.4



#84
 1,2,4-Trimethylbenzene
 Concen: 20.66 ug/l
 RT: 13.13 min Scan# 1868
 Delta R.T. -0.01 min
 Lab File: VY001955.D
 Acq: 12 Mar 2020 11:43

Tgt Ion:105 Resp: 185545
 Ion Ratio Lower Upper
 105 100
 120 44.1 22.6 67.7

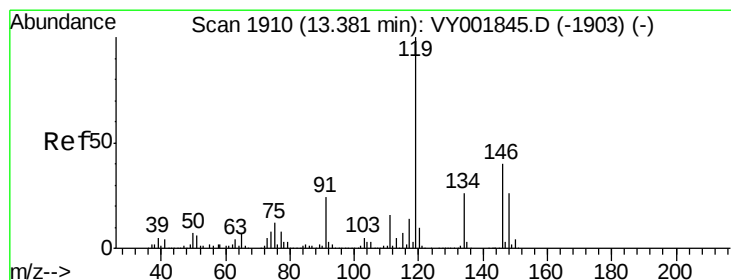
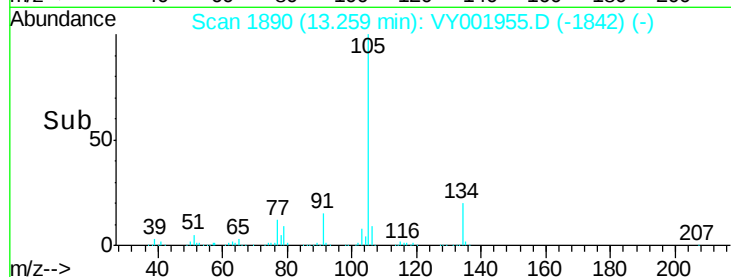
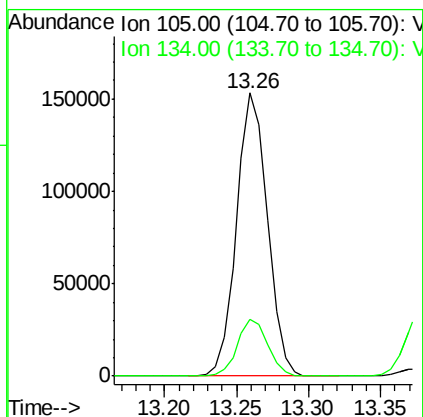
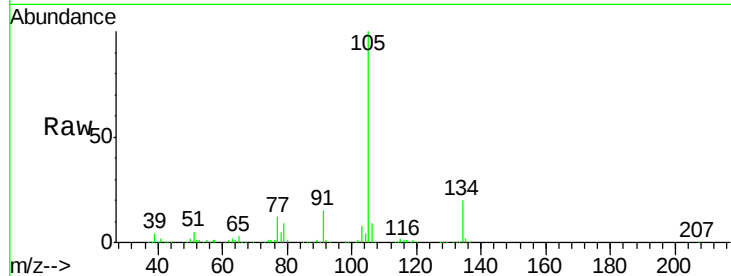




#85
 sec-Butylbenzene
 Concen: 20.63 ug/l
 RT: 13.26 min Scan# 1890
 Delta R.T. -0.01 min
 Lab File: VY001955.D
 Acq: 12 Mar 2020 11:43

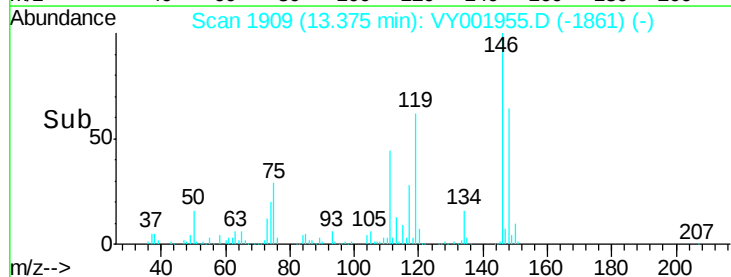
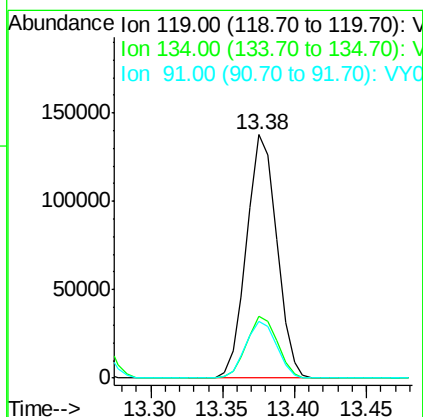
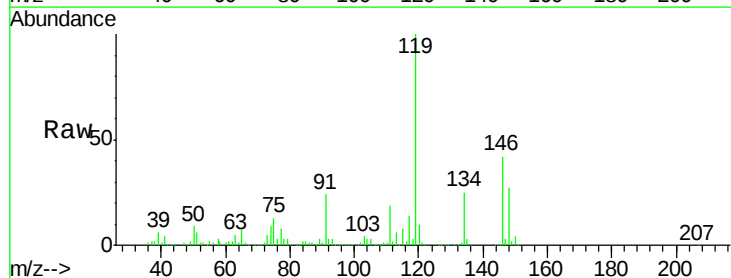
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0312SBS01

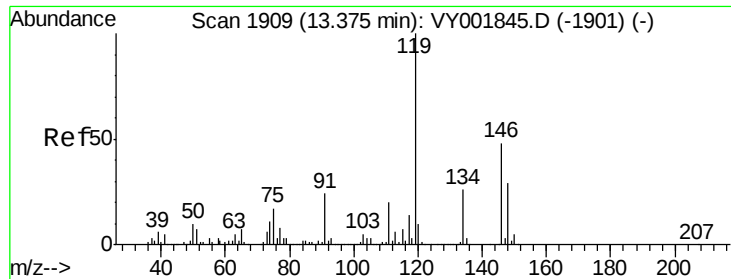
Tgt Ion:105 Resp: 228597
 Ion Ratio Lower Upper
 105 100
 134 19.9 9.7 29.1



#86
 p-Isopropyltoluene
 Concen: 20.92 ug/l
 RT: 13.38 min Scan# 1909
 Delta R.T. -0.01 min
 Lab File: VY001955.D
 Acq: 12 Mar 2020 11:43

Tgt Ion:119 Resp: 199936
 Ion Ratio Lower Upper
 119 100
 134 25.7 13.1 39.3
 91 23.9 11.9 35.7

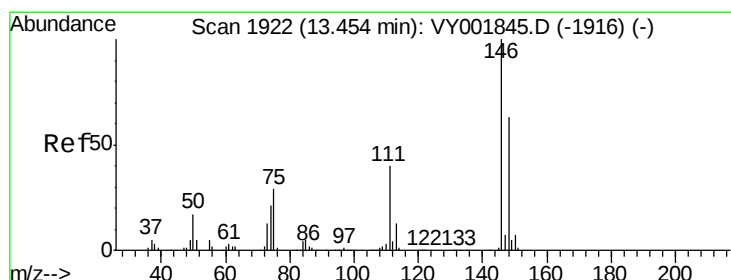
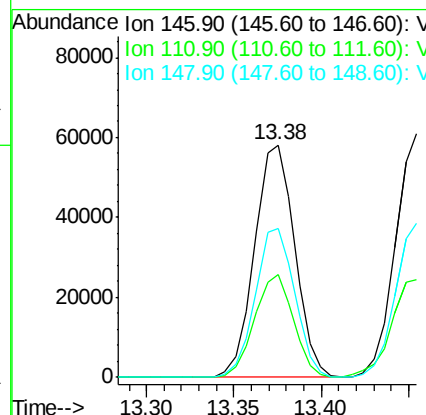
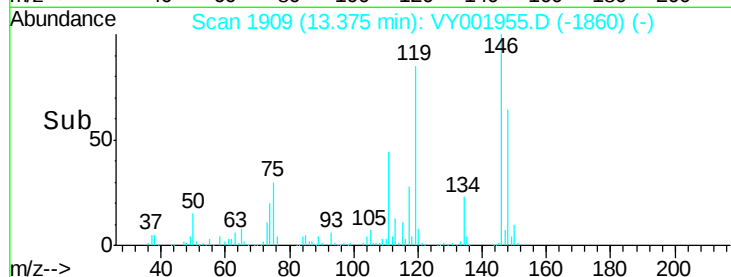
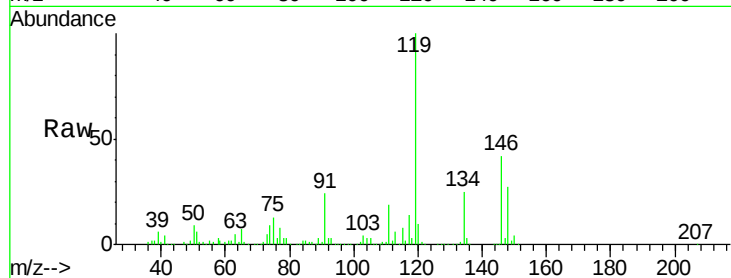




#87
 1,3-Dichlorobenzene
 Concen: 20.35 ug/l
 RT: 13.38 min Scan# 1909
 Delta R.T. 0.00 min
 Lab File: VY001955.D
 Acq: 12 Mar 2020 11:43

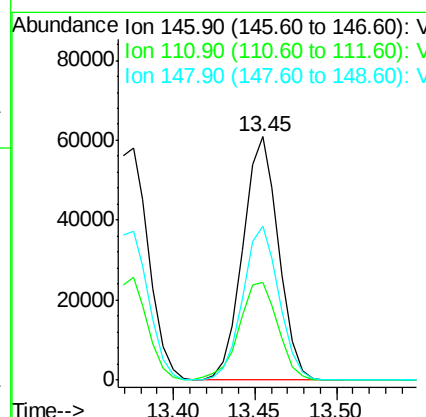
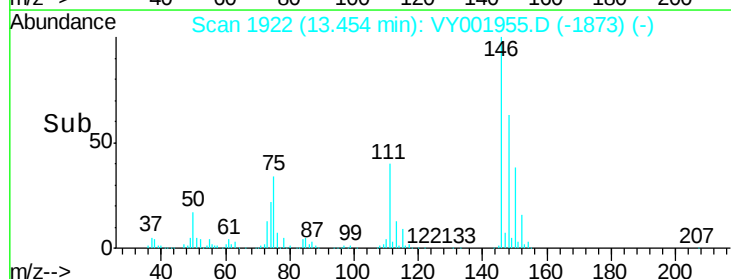
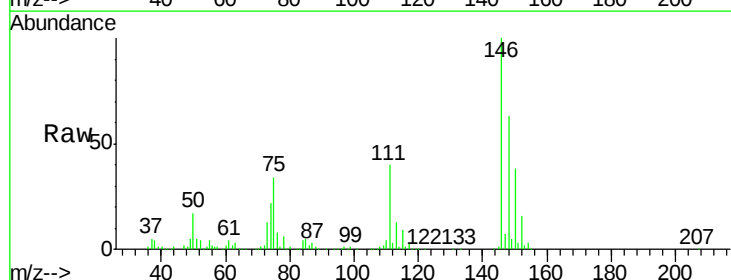
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0312SBS01

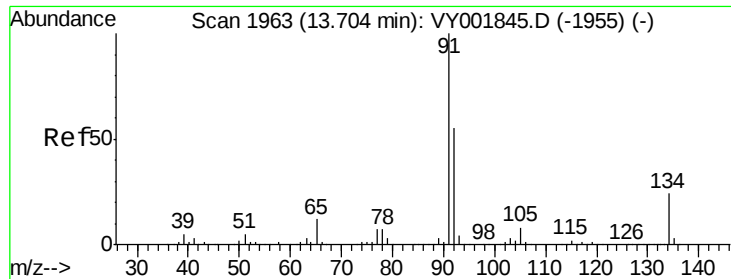
Tgt Ion:146 Resp: 92872
 Ion Ratio Lower Upper
 146 100
 111 42.8 20.8 62.5
 148 63.1 31.4 94.0



#88
 1,4-Dichlorobenzene
 Concen: 19.98 ug/l
 RT: 13.45 min Scan# 1922
 Delta R.T. 0.00 min
 Lab File: VY001955.D
 Acq: 12 Mar 2020 11:43

Tgt Ion:146 Resp: 92542
 Ion Ratio Lower Upper
 146 100
 111 43.7 20.0 60.0
 148 64.3 31.5 94.5

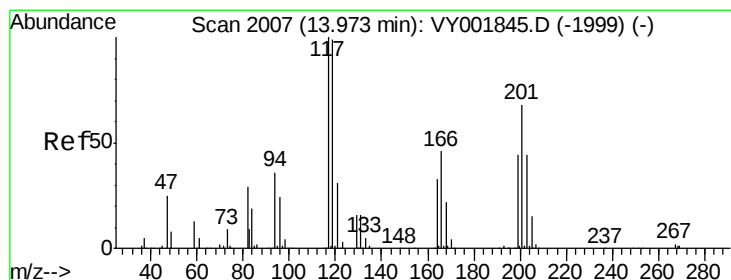
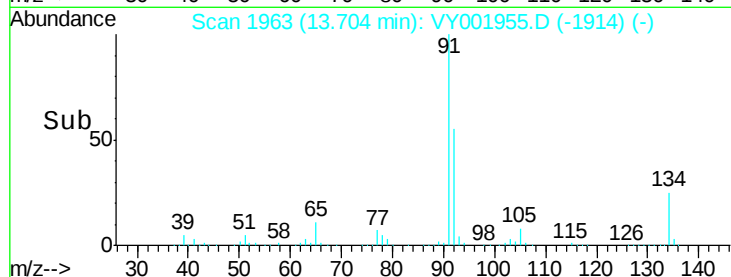
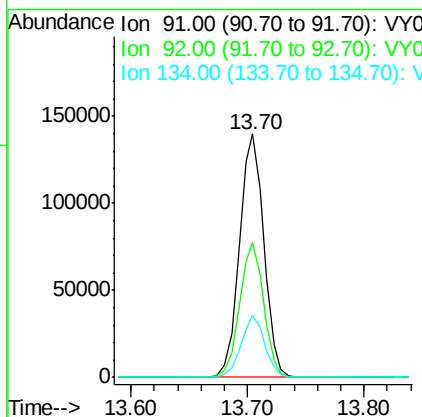
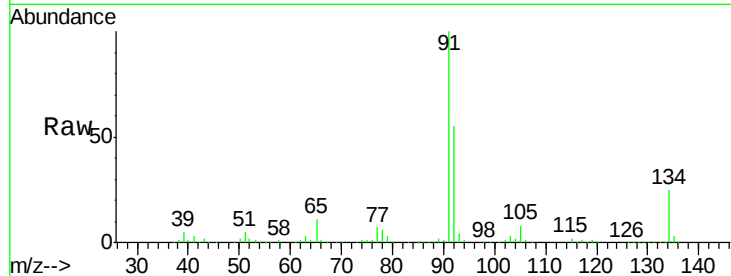




#89
n-Butylbenzene
Concen: 20.49 ug/l
RT: 13.70 min Scan# 1963
Delta R.T. 0.00 min
Lab File: VY001955.D
Acq: 12 Mar 2020 11:43

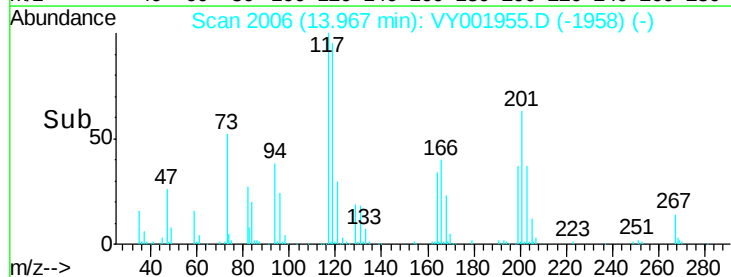
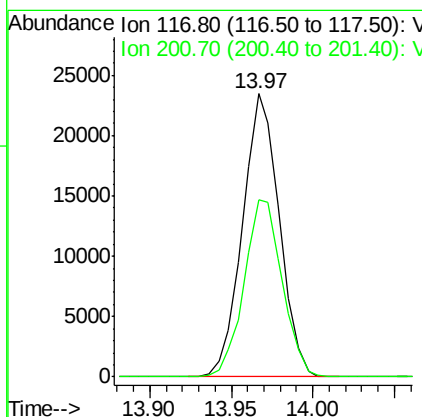
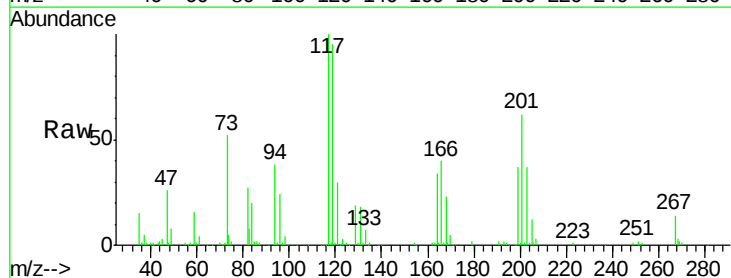
Instrument :
MSVOA_Y
ClientSampleId :
VY0312SBS01

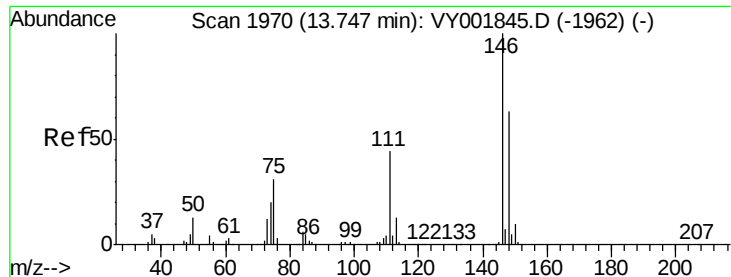
Tgt Ion: 91 Resp: 203172
Ion Ratio Lower Upper
91 100
92 54.4 27.5 82.4
134 24.6 12.5 37.5



#90
Hexachloroethane
Concen: 20.38 ug/l
RT: 13.97 min Scan# 2006
Delta R.T. -0.01 min
Lab File: VY001955.D
Acq: 12 Mar 2020 11:43

Tgt Ion: 117 Resp: 36743
Ion Ratio Lower Upper
117 100
201 64.7 32.5 97.5

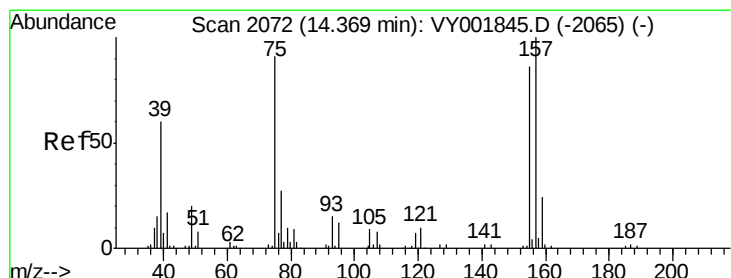
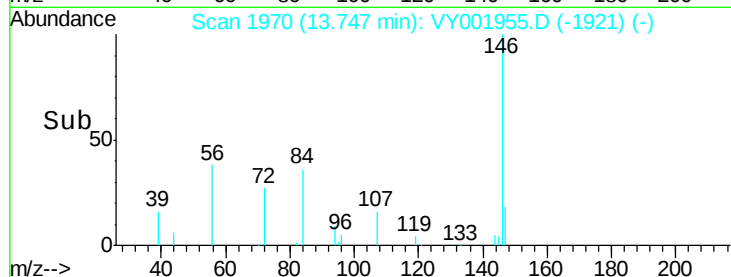
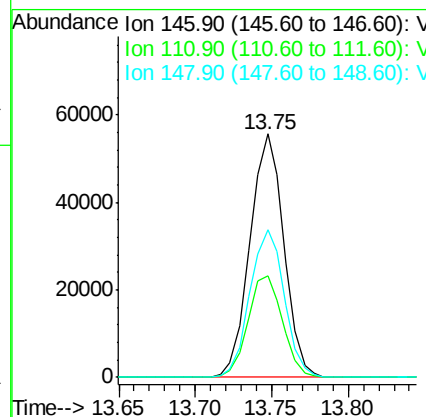
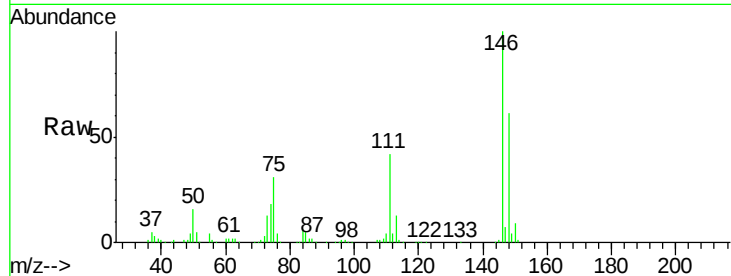




#91
 1,2-Dichlorobenzene
 Concen: 20.66 ug/l
 RT: 13.75 min Scan# 1970
 Delta R.T. 0.00 min
 Lab File: VY001955.D
 Acq: 12 Mar 2020 11:43

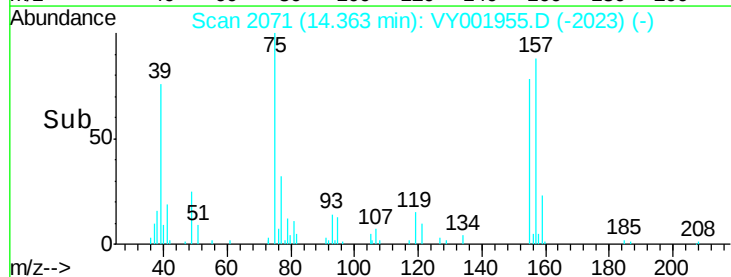
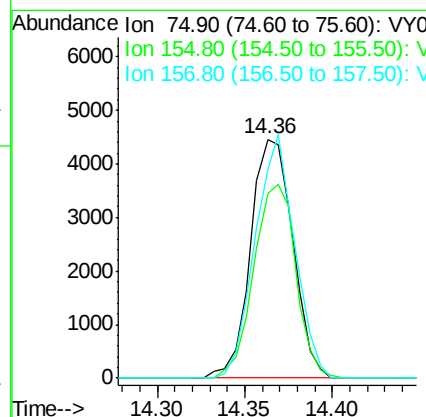
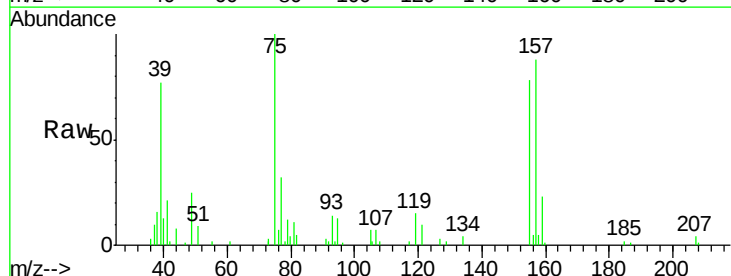
Instrument :
 MSVOA_Y
 ClientSampled :
 VY0312SBSD01

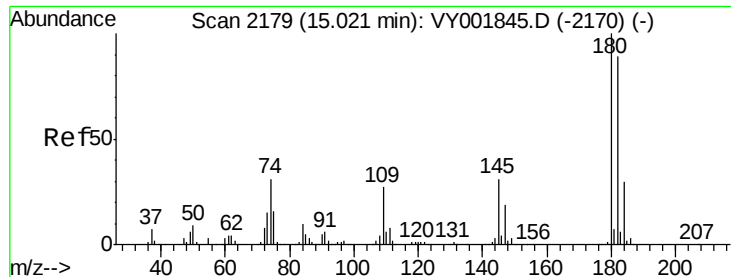
Tgt Ion: 146 Resp: 85674
 Ion Ratio Lower Upper
 146 100
 111 42.5 21.5 64.5
 148 61.8 32.0 96.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.26 ug/l
 RT: 14.36 min Scan# 2071
 Delta R.T. -0.01 min
 Lab File: VY001955.D
 Acq: 12 Mar 2020 11:43

Tgt Ion: 75 Resp: 7495
 Ion Ratio Lower Upper
 75 100
 155 80.1 42.9 128.7
 157 95.1 53.1 159.4

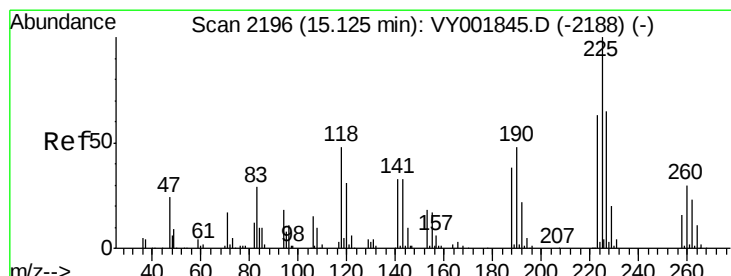
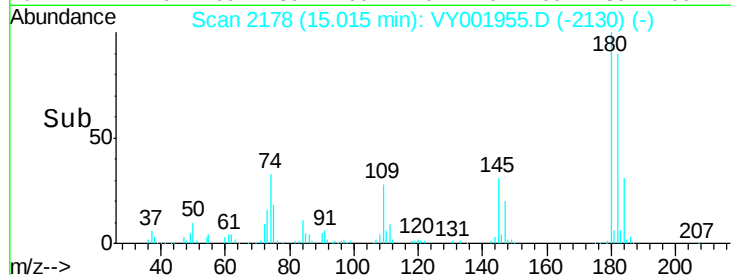
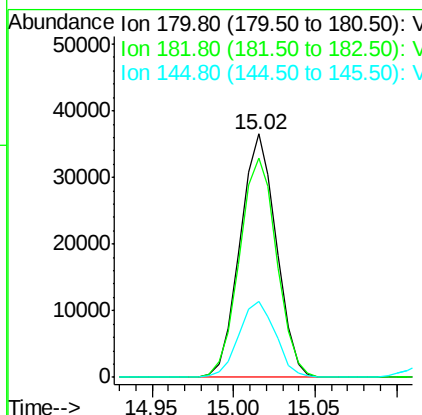
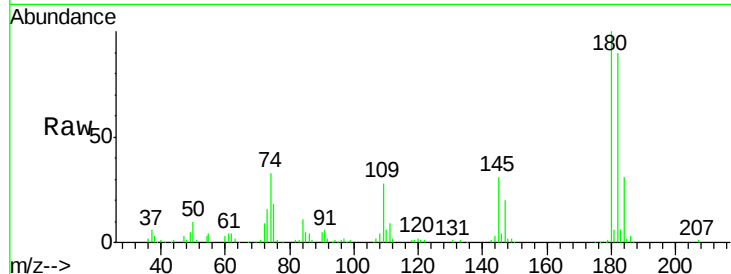




#93
 1,2,4-Trichlorobenzene
 Concen: 21.04 ug/l
 RT: 15.02 min Scan# 2178
 Delta R.T. -0.01 min
 Lab File: VY001955.D
 Acq: 12 Mar 2020 11:43

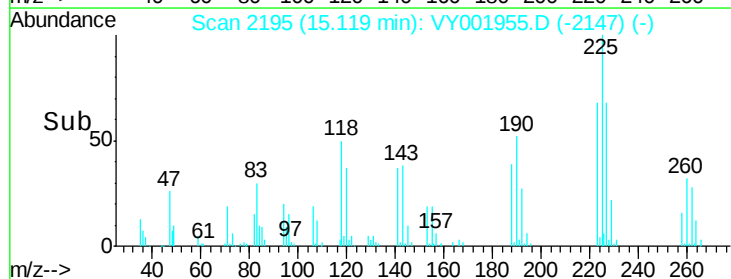
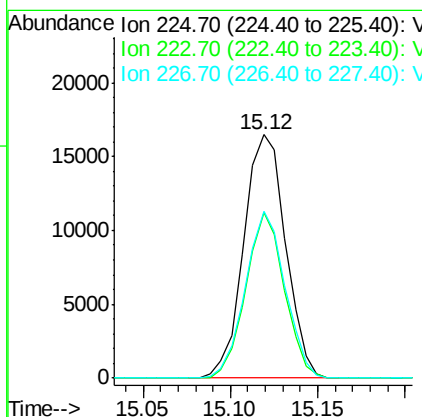
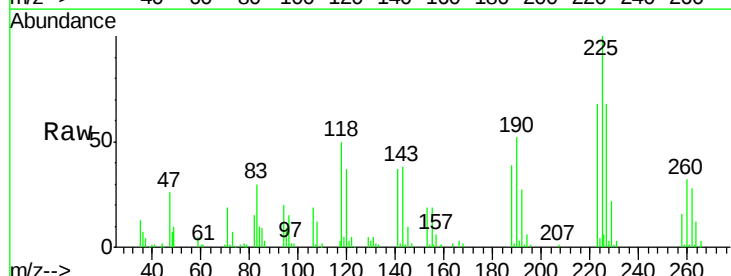
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0312SBSD01

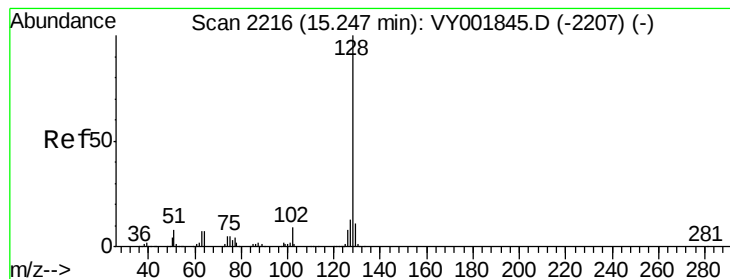
Tgt Ion:180 Resp: 56571
 Ion Ratio Lower Upper
 180 100
 182 92.8 46.1 138.3
 145 31.6 15.6 46.8



#94
 Hexachlorobutadiene
 Concen: 20.90 ug/l
 RT: 15.12 min Scan# 2195
 Delta R.T. -0.01 min
 Lab File: VY001955.D
 Acq: 12 Mar 2020 11:43

Tgt Ion:225 Resp: 27408
 Ion Ratio Lower Upper
 225 100
 223 62.4 31.5 94.5
 227 65.0 31.9 95.5





#95

Naphthalene

Concen: 19.43 ug/l

RT: 15.24 min Scan# 2215

Delta R.T. -0.01 min

Lab File: VY001955.D

Acq: 12 Mar 2020 11:43

Instrument :

MSVOA_Y

ClientSampleId :

VY0312SBS01

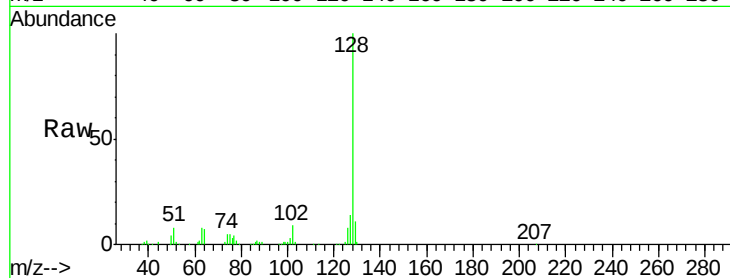
Tgt Ion:128 Resp: 123940

Ion Ratio Lower Upper

128 100

127 13.4 10.1 15.1

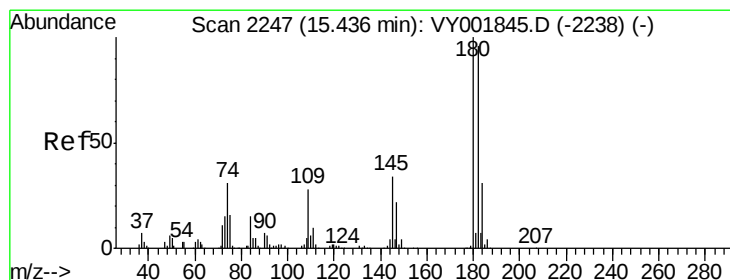
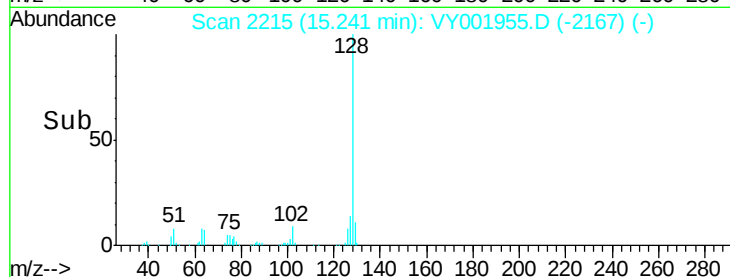
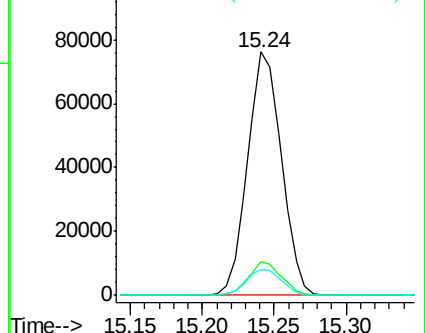
129 10.9 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 20.41 ug/l

RT: 15.44 min Scan# 2247

Delta R.T. 0.00 min

Lab File: VY001955.D

Acq: 12 Mar 2020 11:43

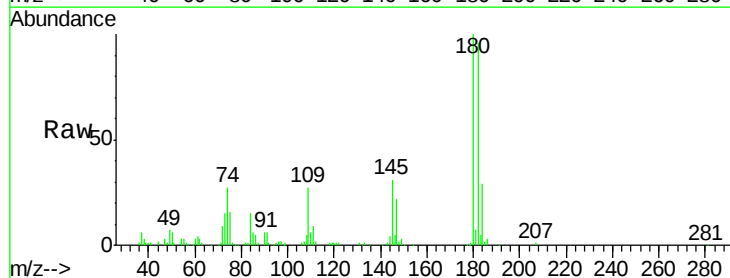
Tgt Ion:180 Resp: 48345

Ion Ratio Lower Upper

180 100

182 95.9 47.6 142.9

145 33.6 16.8 50.3



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

