

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY032020\
 Data File : VY002033.D
 Acq On : 20 Mar 2020 11:48
 Operator : SY/MD
 Sample : VY0320SBS01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0320SBS01

Quant Time: Mar 20 16:12:45 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	160314	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	283464	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	257297	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	121783	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.16	65	91721	53.59	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	107.18%	
35) Dibromofluoromethane	7.74	113	85221	55.06	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	110.12%	
50) Toluene-d8	10.19	98	351219	53.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.62%	
62) 4-Bromofluorobenzene	12.49	95	126423	55.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.40%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	27930	18.87	ug/l	98
3) Chloromethane	2.13	50	39649	19.87	ug/l	96
4) Vinyl Chloride	2.26	62	40000	19.71	ug/l	100
5) Bromomethane	2.66	94	27158	19.32	ug/l	99
6) Chloroethane	2.80	64	26130	20.50	ug/l	98
7) Trichlorofluoromethane	3.14	101	57262	20.81	ug/l	98
8) Diethyl Ether	3.55	74	22920	21.13	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.92	101	37754	21.33	ug/l	99
10) Methyl Iodide	4.11	142	39407	19.25	ug/l	98
11) Tert butyl alcohol	4.99	59	19351	94.62	ug/l	98
12) 1,1-Dichloroethene	3.89	96	36686	20.58	ug/l	96
13) Acrolein	3.75	56	18064	75.11	ug/l	97
14) Allyl chloride	4.50	41	69175	21.89	ug/l	99
15) Acrylonitrile	5.19	53	63874	110.19	ug/l	99
16) Acetone	3.97	43	54960	110.26	ug/l	99
17) Carbon Disulfide	4.21	76	112451	18.77	ug/l	98
18) Methyl Acetate	4.50	43	29620	23.13	ug/l	96
19) Methyl tert-butyl Ether	5.25	73	104353	21.60	ug/l	93
20) Methylene Chloride	4.74	84	48209	22.57	ug/l	99
21) trans-1,2-Dichloroethene	5.25	96	41551	20.54	ug/l	98
22) Diisopropyl ether	6.14	45	142562	22.01	ug/l	97
23) Vinyl Acetate	6.08	43	462935	109.02	ug/l	98
24) 1,1-Dichloroethane	6.05	63	74792	21.32	ug/l	97
25) 2-Butanone	7.01	43	82887	109.34	ug/l	98
26) 2,2-Dichloropropane	7.00	77	61841	21.48	ug/l	99
27) cis-1,2-Dichloroethene	7.00	96	47006	21.36	ug/l	100
28) Bromochloromethane	7.35	49	32094	20.30	ug/l	100
29) Tetrahydrofuran	7.36	42	56750	112.73	ug/l	98
30) Chloroform	7.53	83	70702	21.45	ug/l	97
31) Cyclohexane	7.80	56	76375	20.31	ug/l	98
32) 1,1,1-Trichloroethane	7.72	97	60683	21.85	ug/l	98
36) 1,1-Dichloropropene	7.93	75	59136	21.68	ug/l	99
37) Ethyl Acetate	7.10	43	37213	23.47	ug/l	98
38) Carbon Tetrachloride	7.91	117	51474	22.09	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	76176	21.06	ug/l	97
40) Benzene	8.18	78	172671	21.36	ug/l	99
41) Methacrylonitrile	7.36	41	48755	68.33	ug/l #	1
42) 1,2-Dichloroethane	8.25	62	46824	22.47	ug/l	100
43) Isopropyl Acetate	8.29	43	67530	22.50	ug/l	99
44) Trichloroethene	8.95	130	42815	21.74	ug/l	99
45) 1,2-Dichloropropane	9.23	63	44258	21.78	ug/l	99
46) Dibromomethane	9.32	93	23759	22.68	ug/l	95
47) Bromodichloromethane	9.51	83	54749	22.47	ug/l	97
48) Methyl methacrylate	9.30	41	30277	22.73	ug/l	97
49) 1,4-Dioxane	9.31	88	6536	455.42	ug/l	96
51) 4-Methyl-2-Pentanone	10.08	43	178409	115.40	ug/l	99
52) Toluene	10.25	92	105933	21.57	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	59058	22.25	ug/l	96
54) cis-1,3-Dichloropropene	9.94	75	70457	22.30	ug/l	98
55) 1,1,2-Trichloroethane	10.66	97	33591	21.91	ug/l	98
56) Ethyl methacrylate	10.52	69	50047	22.28	ug/l	94
57) 1,3-Dichloropropane	10.80	76	60140	22.01	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.79	63	125054	145.83	ug/l	99
59) 2-Hexanone	10.84	43	126161	114.33	ug/l	100
60) Dibromochloromethane	10.99	129	35444	21.94	ug/l	98
61) 1,2-Dibromoethane	11.10	107	32218	22.19	ug/l	99
64) Tetrachloroethene	10.73	164	35948	22.28	ug/l	96
65) Chlorobenzene	11.52	112	110174	21.49	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.60	131	37035	22.03	ug/l	98
67) Ethyl Benzene	11.60	91	205555	21.50	ug/l	99
68) m/p-Xylenes	11.71	106	153106	43.31	ug/l	98
69) o-Xylene	12.03	106	71022	21.32	ug/l	98
70) Styrene	12.05	104	126079	22.09	ug/l	100
71) Bromoform	12.22	173	19771	21.68	ug/l #	99
73) Isopropylbenzene	12.34	105	195521	21.03	ug/l	100
74) N-amyl acetate	12.15	43	63486	22.22	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.59	83	43047	21.47	ug/l	100
76) 1,2,3-Trichloropropane	12.64	75	55840	38.64	ug/l #	100
77) Bromobenzene	12.61	156	41939	21.29	ug/l	99
78) n-propylbenzene	12.68	91	247843	21.61	ug/l	99
79) 2-Chlorotoluene	12.77	91	134891	21.29	ug/l	100
80) 1,3,5-Trimethylbenzene	12.82	105	165136	21.58	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.39	75	15372	21.49	ug/l	95
82) 4-Chlorotoluene	12.86	91	142929	21.66	ug/l	99
83) tert-Butylbenzene	13.08	119	138229	21.75	ug/l	98
84) 1,2,4-Trimethylbenzene	13.13	105	165692	21.82	ug/l	99
85) sec-Butylbenzene	13.26	105	203771	21.75	ug/l	100
86) p-Isopropyltoluene	13.38	119	177361	21.94	ug/l	100
87) 1,3-Dichlorobenzene	13.38	146	83619	21.66	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	83311	21.28	ug/l	97
89) n-Butylbenzene	13.70	91	183470	21.88	ug/l	99
90) Hexachloroethane	13.97	117	33692	22.10	ug/l	100
91) 1,2-Dichlorobenzene	13.75	146	76019	21.68	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	6857	21.92	ug/l	94

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Quant Title : SW846 8260
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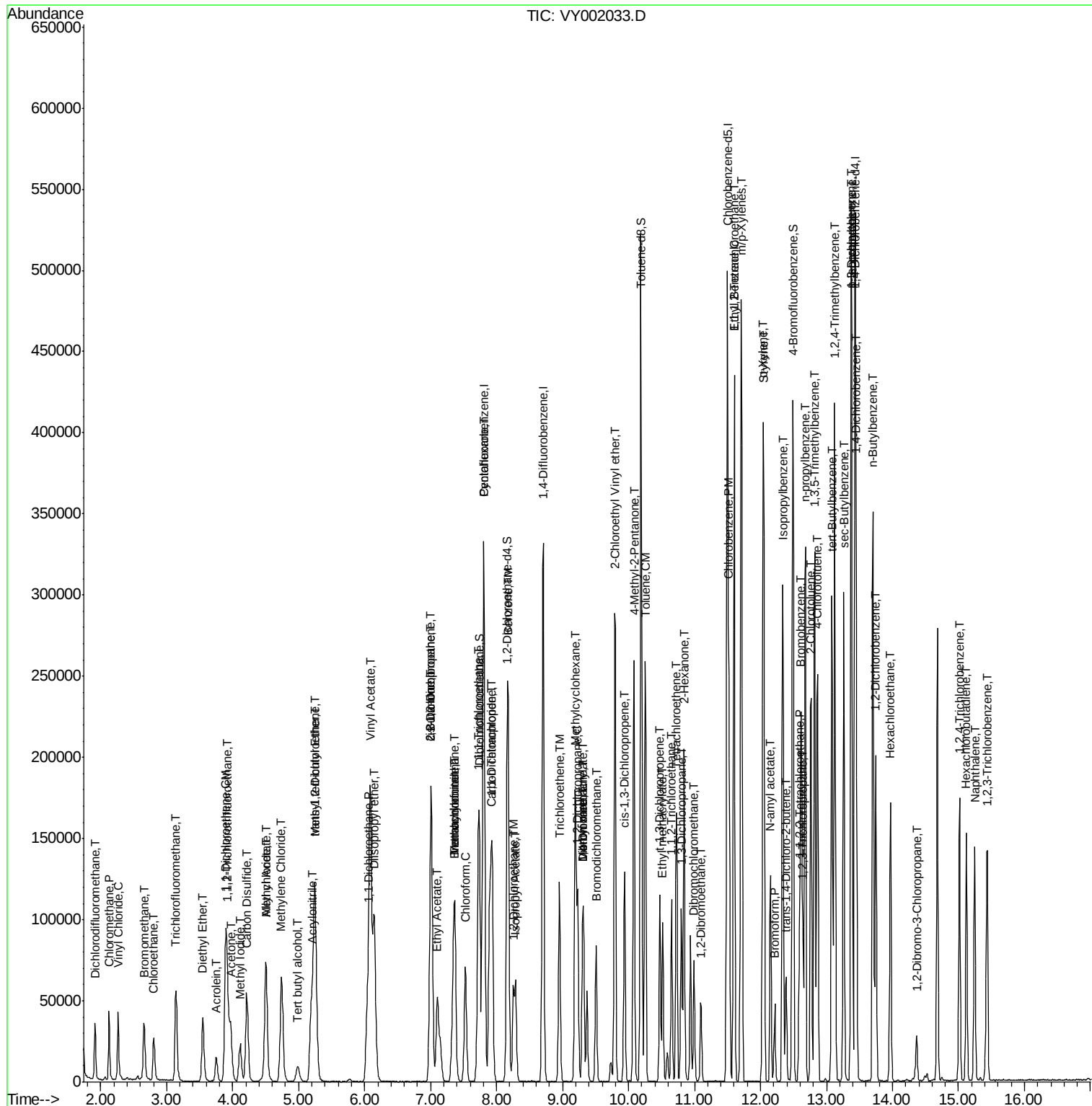
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	51178	22.51	ug/l	99
94) Hexachlorobutadiene	15.12	225	24837	22.40	ug/l	99
95) Naphthalene	15.25	128	117883	21.85	ug/l	99
96) 1,2,3-Trichlorobenzene	15.44	180	44924	22.43	ug/l	99

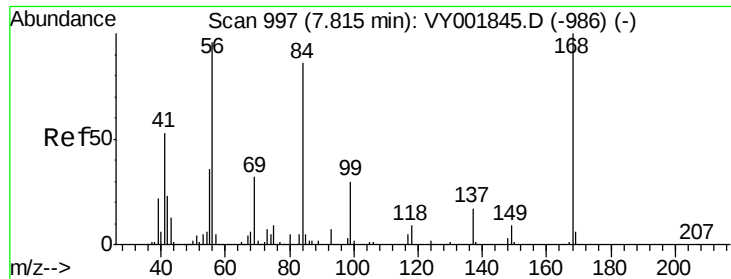
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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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: VY002033.D

Acq: 20 Mar 2020 11:48

Instrument :

MSVOA_Y

ClientSampleId :

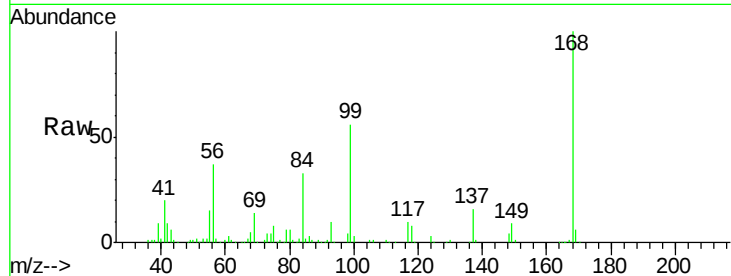
VY0320SBS01

Tgt Ion:168 Resp: 160314

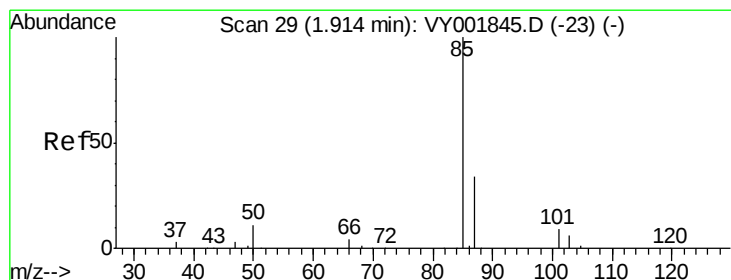
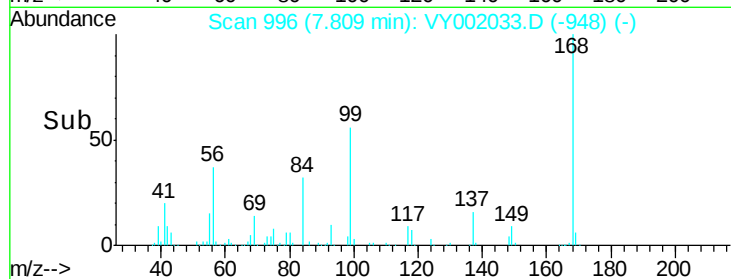
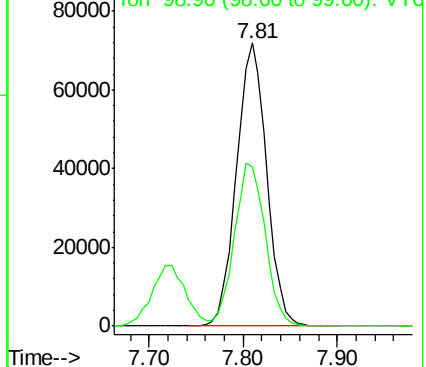
Ion Ratio Lower Upper

168 100

99 56.1 46.7 70.1



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



#2

Dichlorodifluoromethane

Concen: 18.87 ug/l

RT: 1.91 min Scan# 29

Delta R.T. 0.00 min

Lab File: VY002033.D

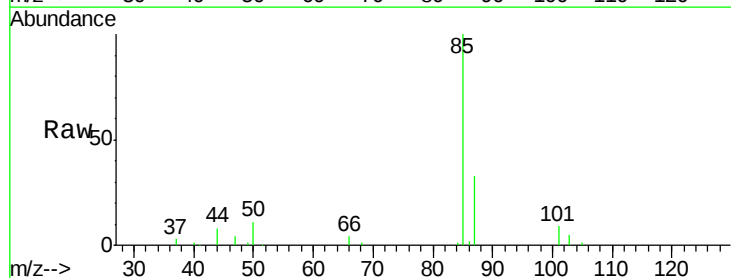
Acq: 20 Mar 2020 11:48

Tgt Ion: 85 Resp: 27930

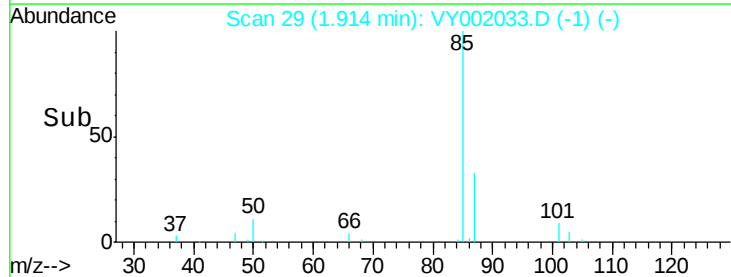
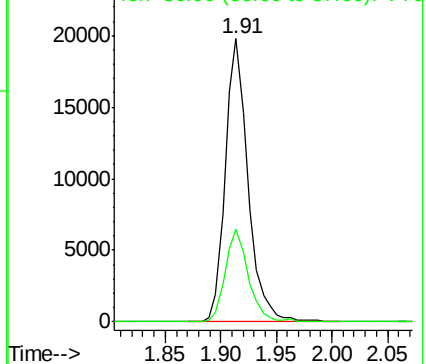
Ion Ratio Lower Upper

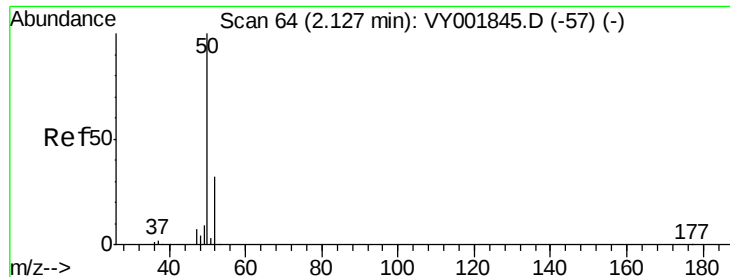
85 100

87 32.6 16.8 50.4



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





#3

Chloromethane

Concen: 19.87 ug/l

RT: 2.13 min Scan# 64

Delta R.T. 0.00 min

Lab File: VY002033.D

Acq: 20 Mar 2020 11:48

Instrument :

MSVOA_Y

ClientSampleId :

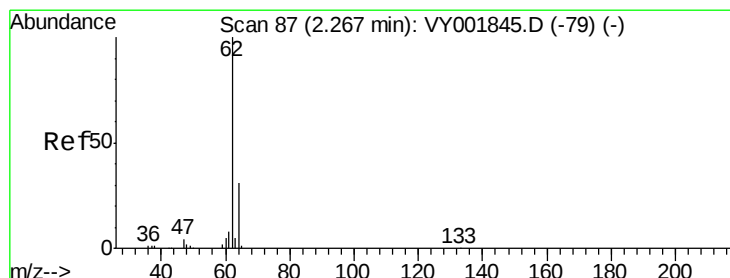
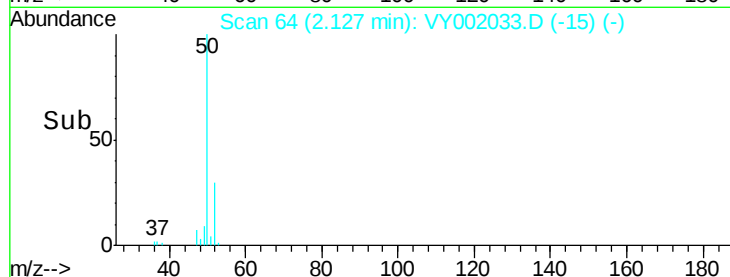
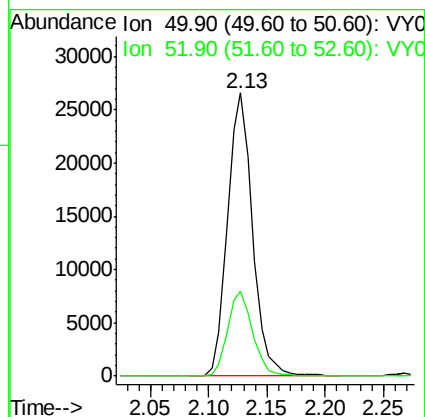
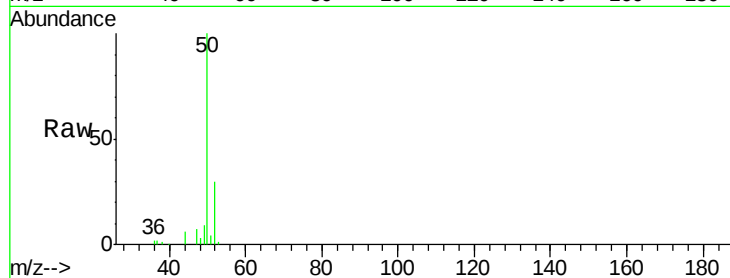
VY0320SBS01

Tgt Ion: 50 Resp: 39649

Ion Ratio Lower Upper

50 100

52 30.2 25.8 38.6



#4

Vinyl Chloride

Concen: 19.71 ug/l

RT: 2.26 min Scan# 86

Delta R.T. -0.01 min

Lab File: VY002033.D

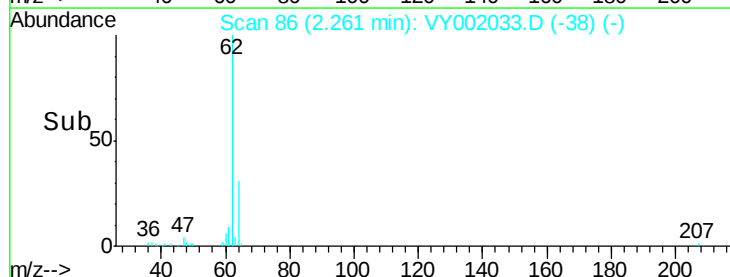
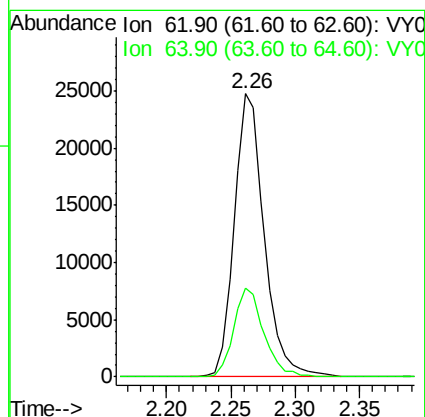
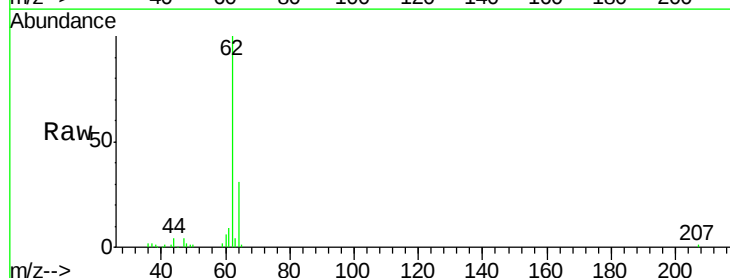
Acq: 20 Mar 2020 11:48

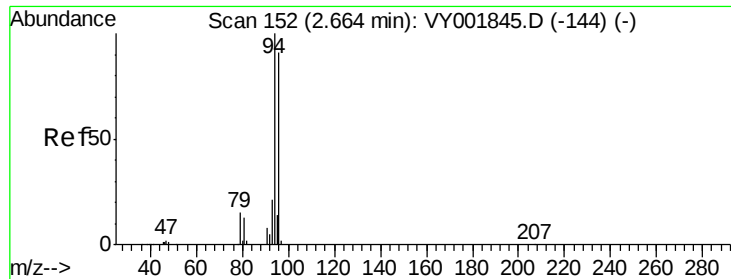
Tgt Ion: 62 Resp: 40000

Ion Ratio Lower Upper

62 100

64 31.2 25.1 37.7





#5

Bromomethane

Concen: 19.32 ug/l

RT: 2.66 min Scan# 151

Delta R.T. -0.01 min

Lab File: VY002033.D

Acq: 20 Mar 2020 11:48

Instrument :

MSVOA_Y

ClientSampleId :

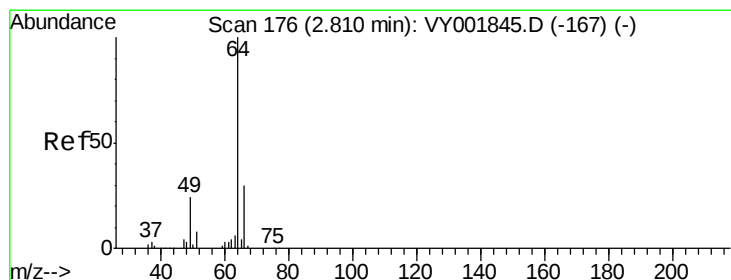
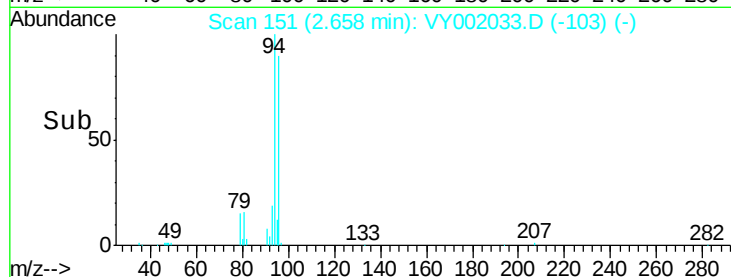
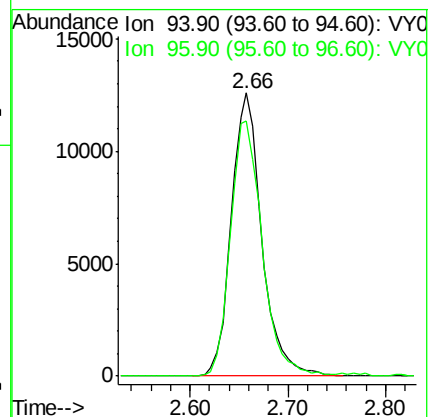
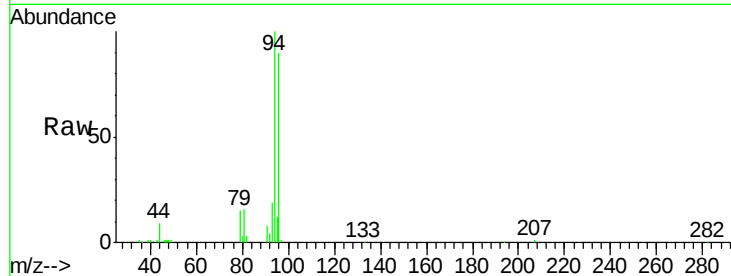
VY0320SBS01

Tgt Ion: 94 Resp: 27158

Ion Ratio Lower Upper

94 100

96 90.3 73.2 109.8



#6

Chloroethane

Concen: 20.50 ug/l

RT: 2.80 min Scan# 175

Delta R.T. -0.01 min

Lab File: VY002033.D

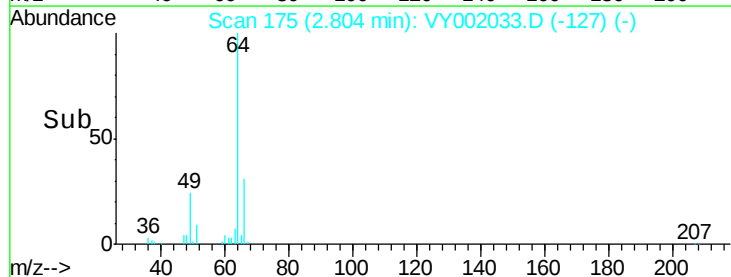
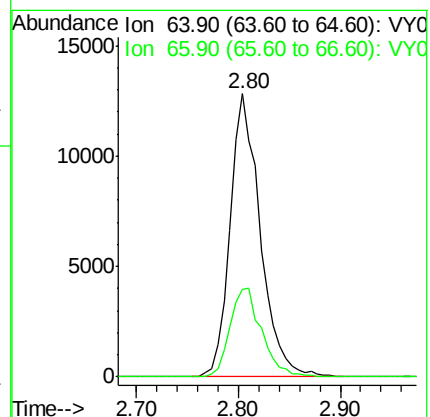
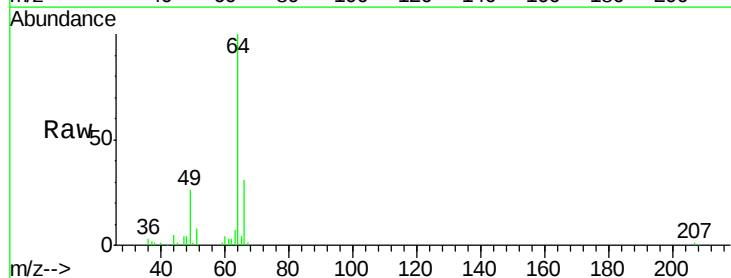
Acq: 20 Mar 2020 11:48

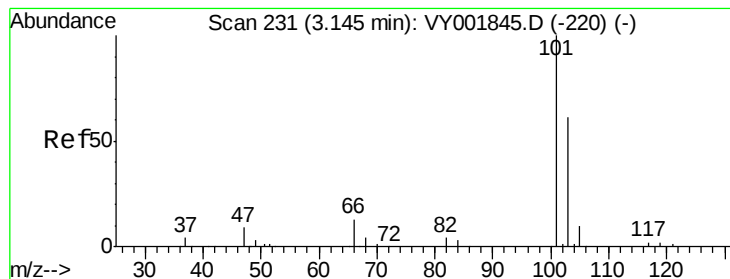
Tgt Ion: 64 Resp: 26130

Ion Ratio Lower Upper

64 100

66 30.9 23.8 35.8





#7

Trichlorofluoromethane

Concen: 20.81 ug/l

RT: 3.14 min Scan# 230

Delta R.T. -0.01 min

Lab File: VY002033.D

Acq: 20 Mar 2020 11:48

Instrument :

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ClientSampleId :

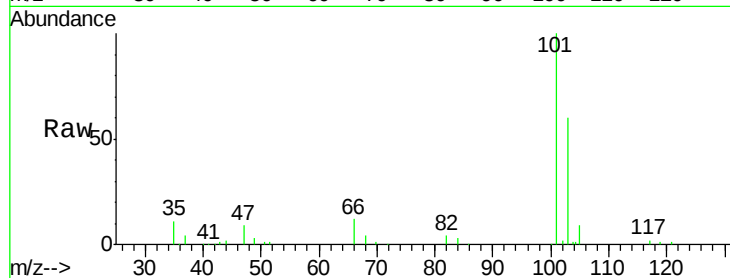
VY0320SBS01

Tgt Ion:101 Resp: 57262

Ion Ratio Lower Upper

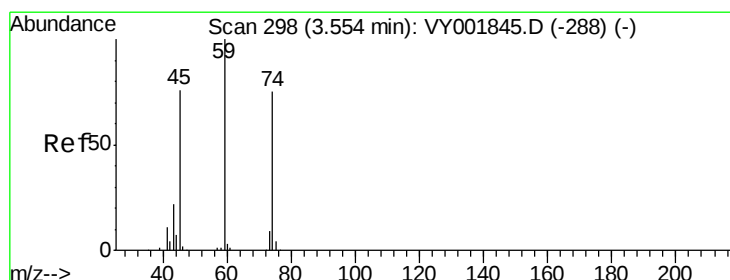
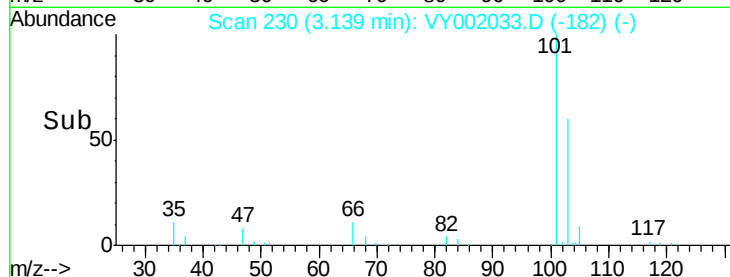
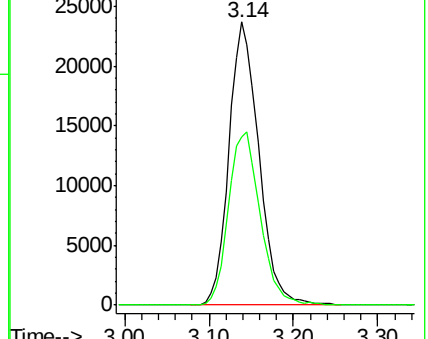
101 100

103 59.6 49.1 73.7



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 21.13 ug/l

RT: 3.55 min Scan# 297

Delta R.T. -0.01 min

Lab File: VY002033.D

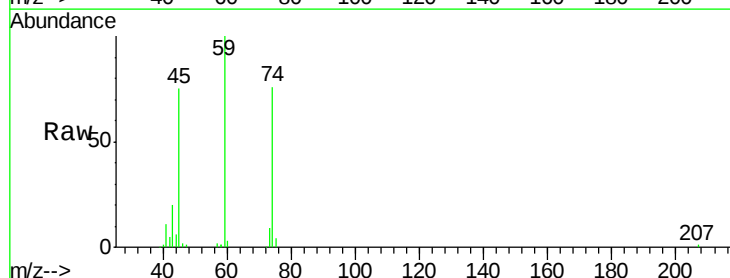
Acq: 20 Mar 2020 11:48

Tgt Ion: 74 Resp: 22920

Ion Ratio Lower Upper

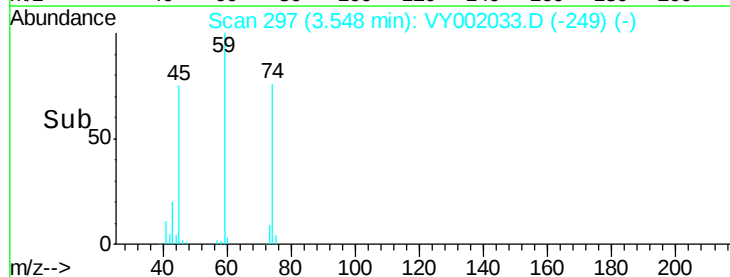
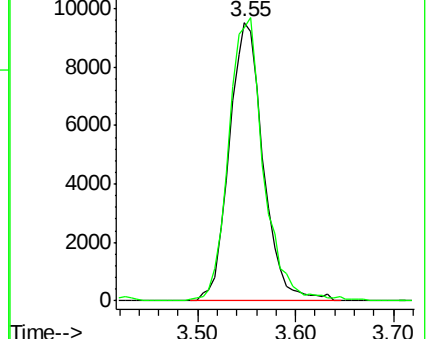
74 100

45 104.7 50.5 151.5



Abundance Ion 74.00 (73.70 to 74.70): VY0

Ion 45.00 (44.70 to 45.70): VY0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.33 ug/l

RT: 3.92 min Scan# 358

Delta R.T. -0.01 min

Lab File: VY002033.D

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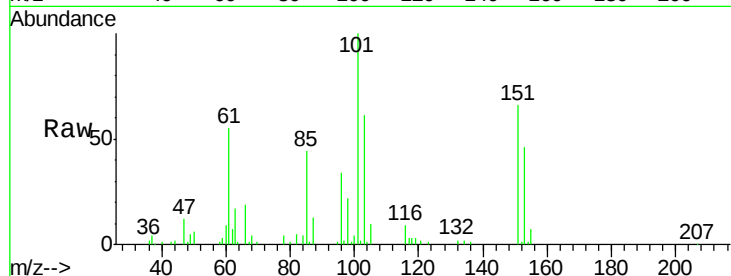
Tgt Ion:101 Resp: 37754

Ion Ratio Lower Upper

101 100

85 45.2 35.3 52.9

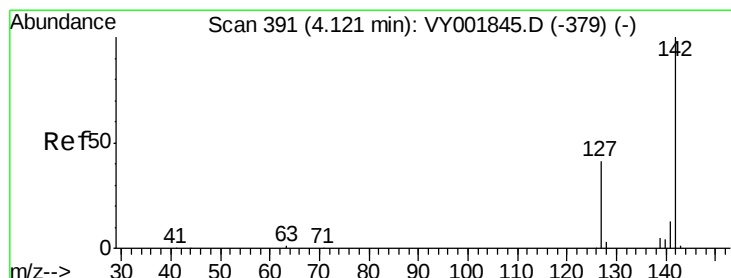
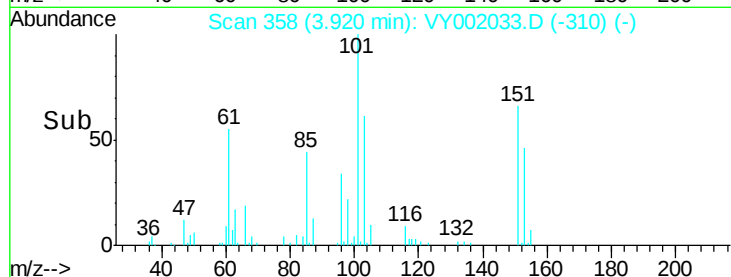
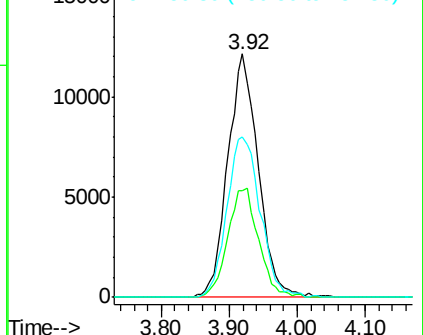
151 71.8 57.0 85.4



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VY0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 19.25 ug/l

RT: 4.11 min Scan# 390

Delta R.T. -0.01 min

Lab File: VY002033.D

Acq: 20 Mar 2020 11:48

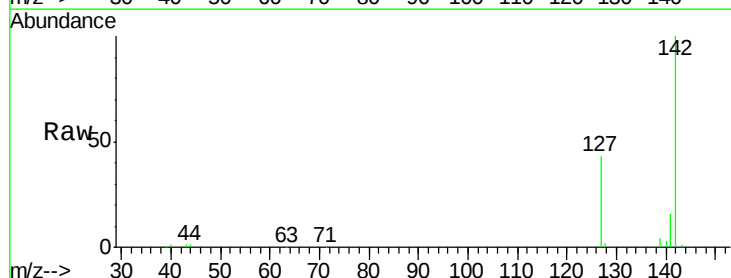
Tgt Ion:142 Resp: 39407

Ion Ratio Lower Upper

142 100

127 42.4 32.7 49.1

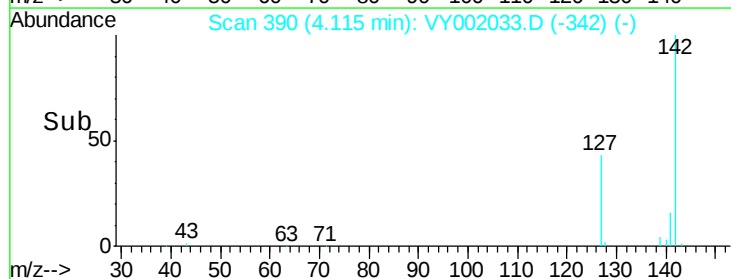
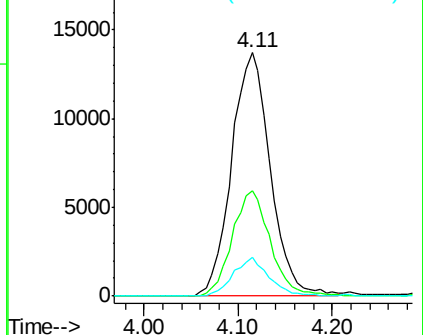
141 14.6 11.0 16.6

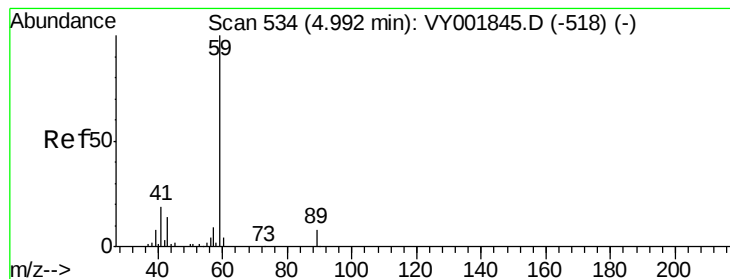


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 94.62 ug/l

RT: 4.99 min Scan# 533

Delta R.T. -0.01 min

Lab File: VY002033.D

Acq: 20 Mar 2020 11:48

Instrument :

MSVOA_Y

ClientSampleId :

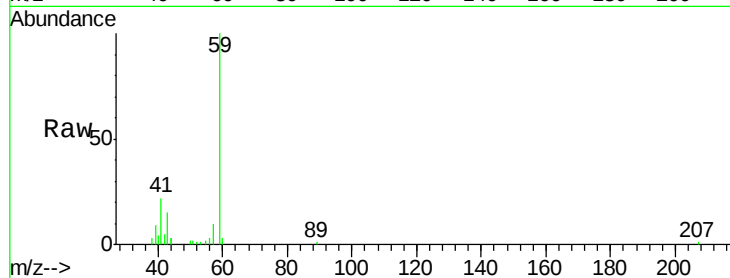
VY0320SBS01

Tgt Ion: 59 Resp: 19351

Ion Ratio Lower Upper

59 100

57 9.8 7.4 11.2



Abundance Ion 59.00 (58.70 to 59.70): VY0

Ion 57.00 (56.70 to 57.70): VY0

4.99

5000

4000

3000

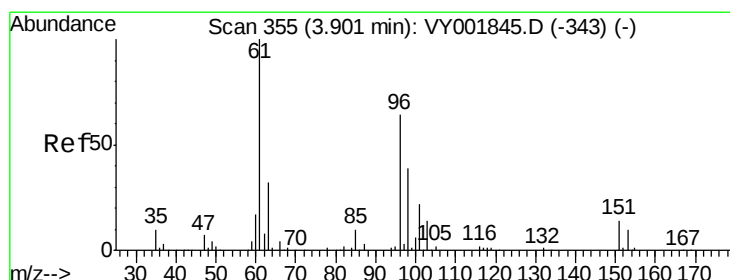
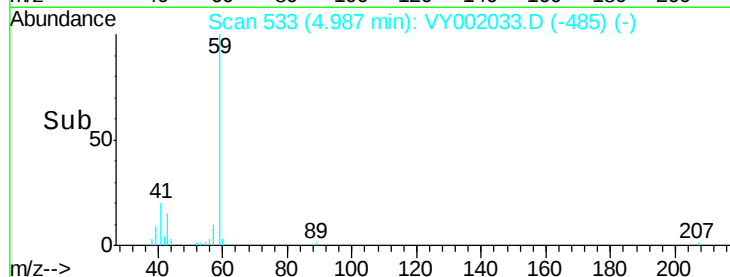
2000

1000

0

Time-->

4.90 5.00 5.10



#12

1,1-Dichloroethene

Concen: 20.58 ug/l

RT: 3.89 min Scan# 353

Delta R.T. -0.01 min

Lab File: VY002033.D

Acq: 20 Mar 2020 11:48

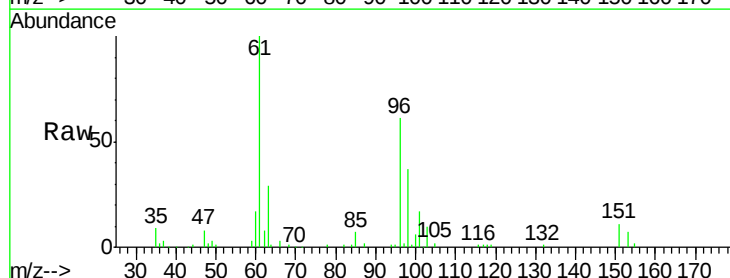
Tgt Ion: 96 Resp: 36686

Ion Ratio Lower Upper

96 100

61 162.8 124.8 187.2

98 60.8 49.2 73.8



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

30000

25000

20000

15000

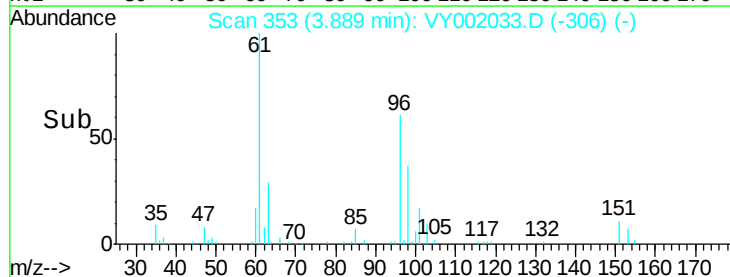
10000

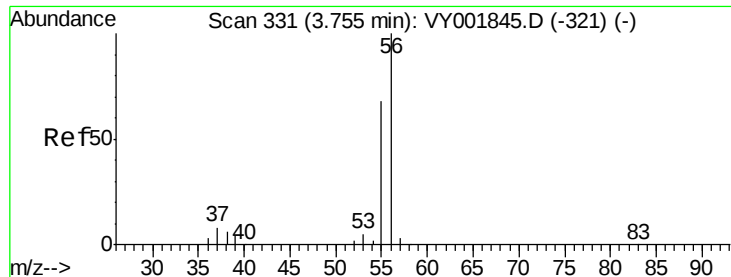
5000

0

Time-->

3.80 3.90 4.00





#13

Acrolein

Concen: 75.11 ug/l

RT: 3.75 min Scan# 330

Delta R.T. -0.01 min

Lab File: VY002033.D

Acq: 20 Mar 2020 11:48

Instrument :

MSVOA_Y

ClientSampleId :

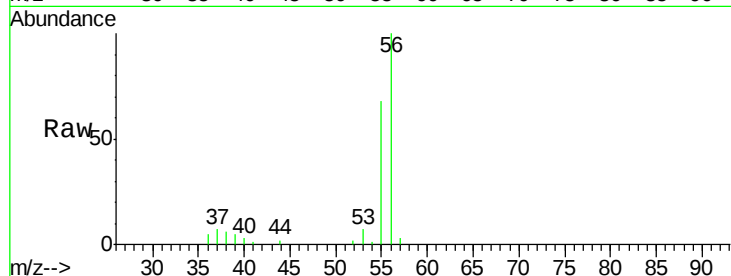
VY0320SBS01

Tgt Ion: 56 Resp: 18064

Ion Ratio Lower Upper

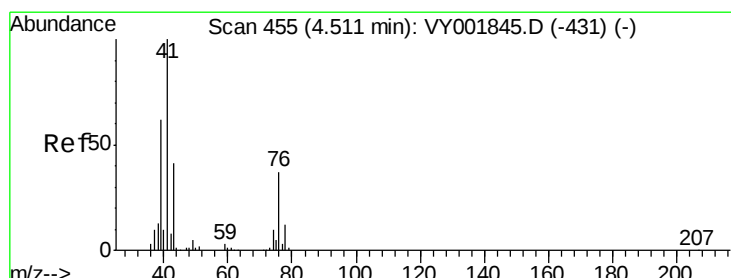
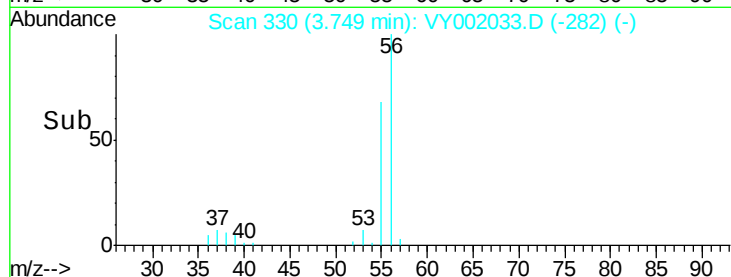
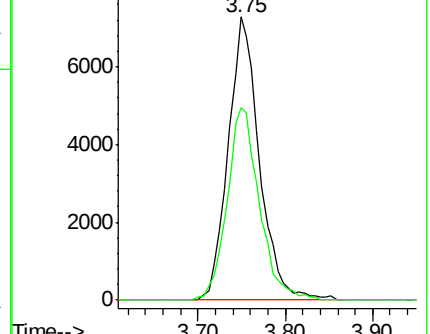
56 100

55 70.1 54.0 81.0



Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 55.00 (54.70 to 55.70): VY0



#14

Allyl chloride

Concen: 21.89 ug/l

RT: 4.50 min Scan# 454

Delta R.T. -0.01 min

Lab File: VY002033.D

Acq: 20 Mar 2020 11:48

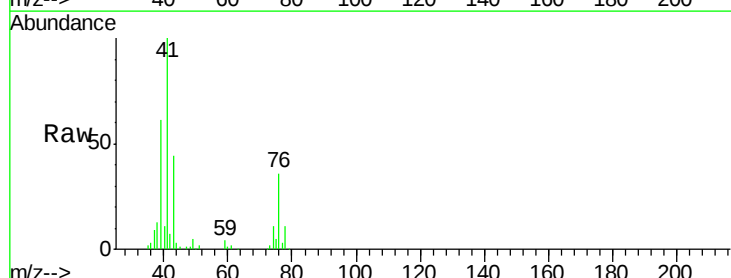
Tgt Ion: 41 Resp: 69175

Ion Ratio Lower Upper

41 100

39 61.9 49.0 73.6

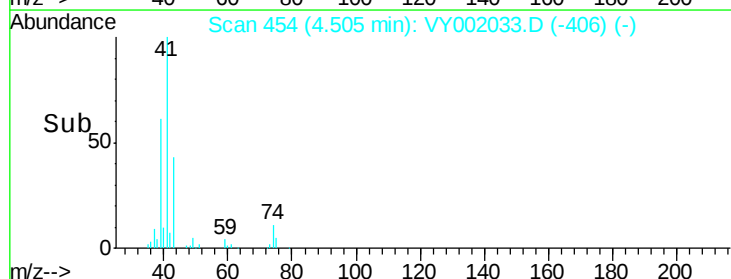
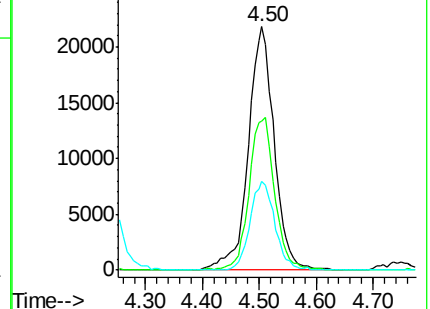
76 34.7 28.9 43.3

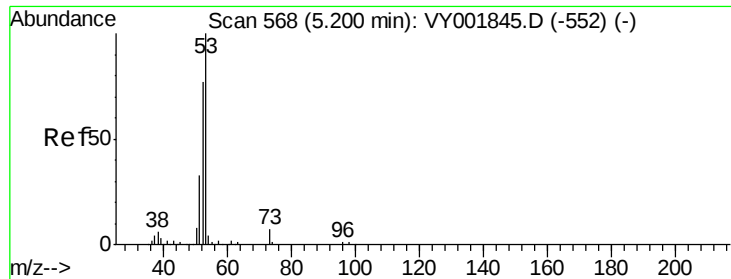


Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 75.90 (75.60 to 76.60): VY0





#15

Acrylonitrile

Concen: 110.19 ug/l

RT: 5.19 min Scan# 567

Delta R.T. -0.01 min

Lab File: VY002033.D

Acq: 20 Mar 2020 11:48

Instrument :

MSVOA_Y

ClientSampleId :

VY0320SBS01

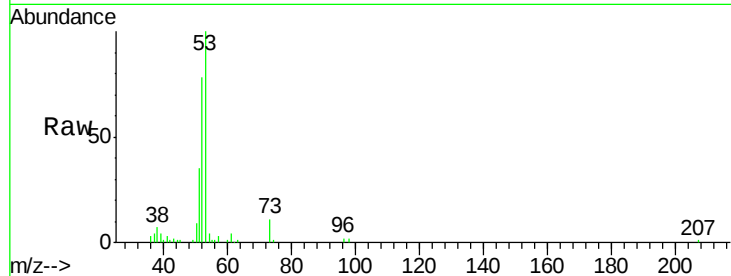
Tgt Ion: 53 Resp: 63874

Ion Ratio Lower Upper

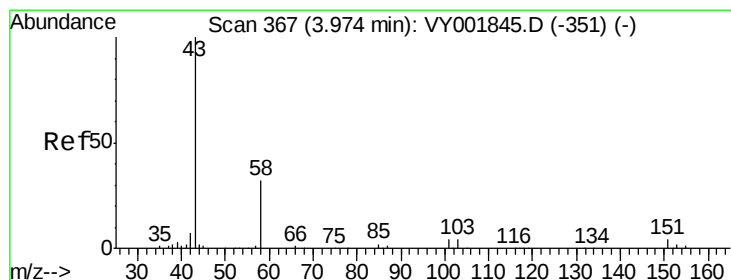
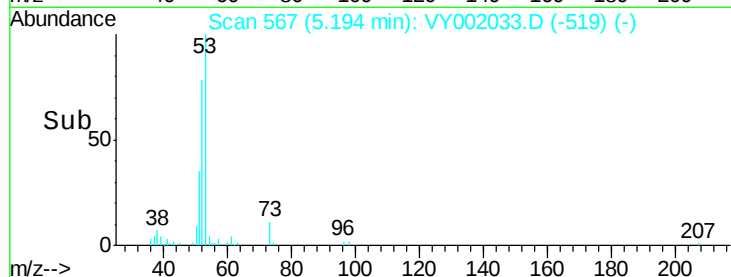
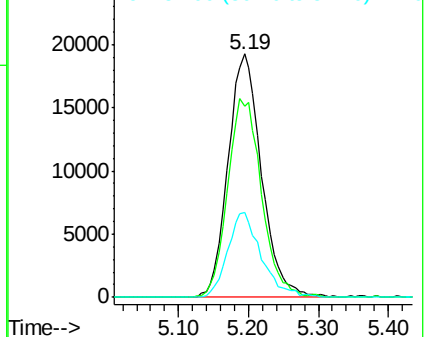
53 100

52 82.6 65.1 97.7

51 35.2 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: 110.26 ug/l

RT: 3.97 min Scan# 366

Delta R.T. -0.01 min

Lab File: VY002033.D

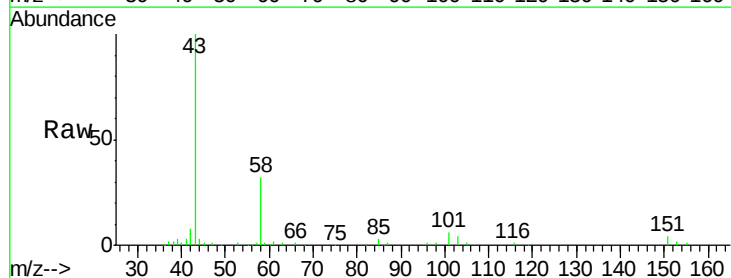
Acq: 20 Mar 2020 11:48

Tgt Ion: 43 Resp: 54960

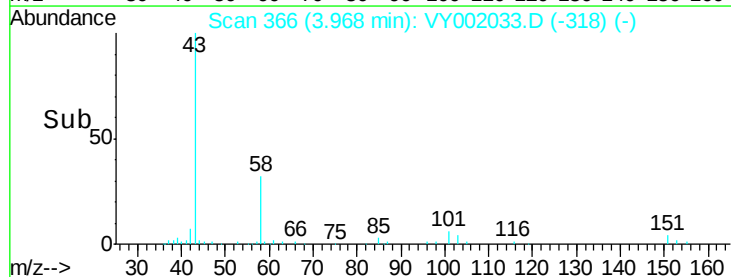
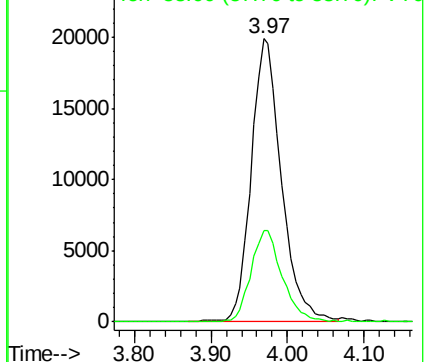
Ion Ratio Lower Upper

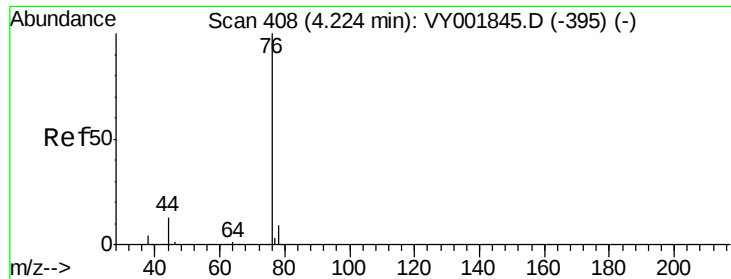
43 100

58 32.1 25.9 38.9



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

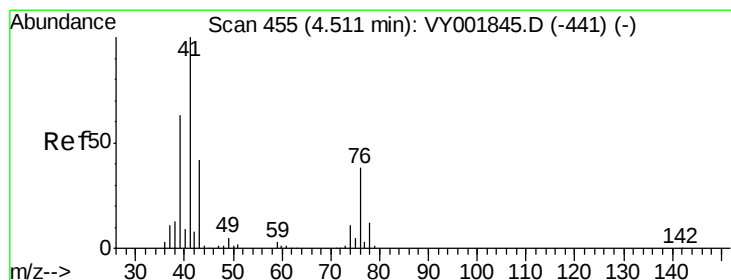
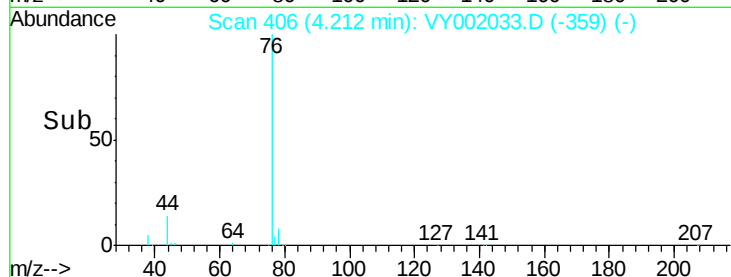
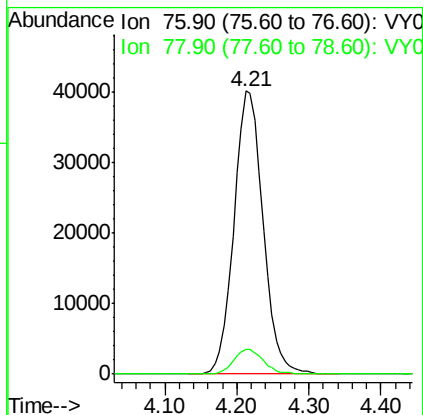
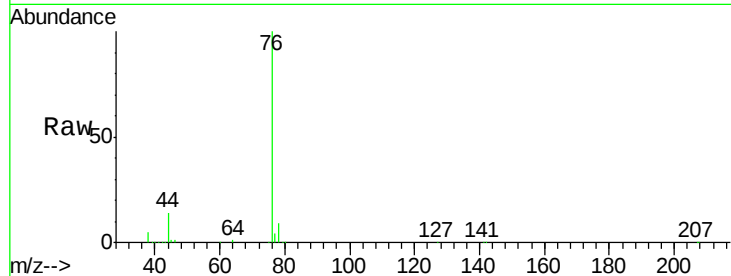




#17
Carbon Disulfide
Concen: 18.77 ug/l
RT: 4.21 min Scan# 406
Delta R.T. -0.01 min
Lab File: VY002033.D
Acq: 20 Mar 2020 11:48

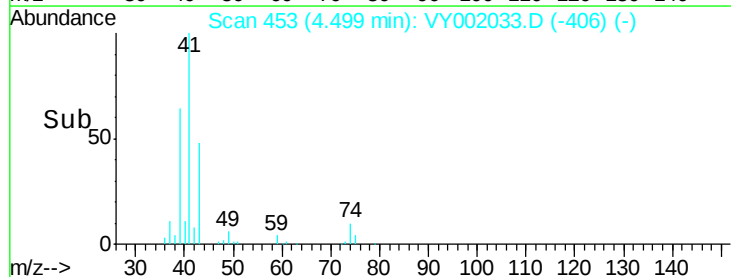
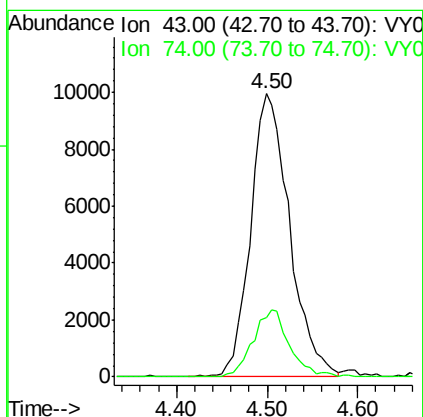
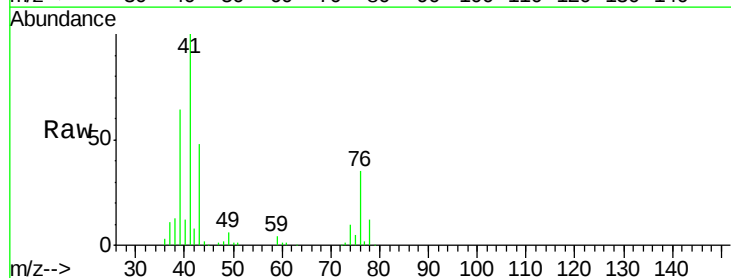
Instrument :
MSVOA_Y
ClientSampleId :
VY0320SBS01

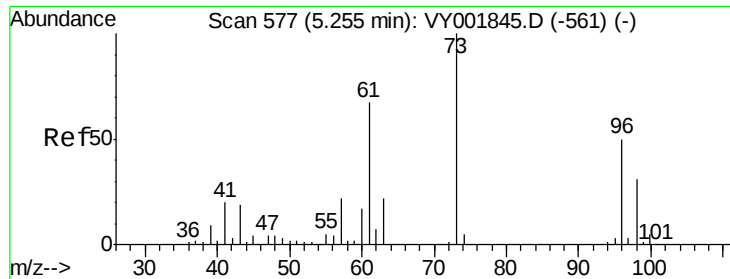
Tgt Ion: 76 Resp: 112451
Ion Ratio Lower Upper
76 100
78 8.6 7.4 11.2



#18
Methyl Acetate
Concen: 23.13 ug/l
RT: 4.50 min Scan# 453
Delta R.T. -0.01 min
Lab File: VY002033.D
Acq: 20 Mar 2020 11:48

Tgt Ion: 43 Resp: 29620
Ion Ratio Lower Upper
43 100
74 22.0 19.0 28.6

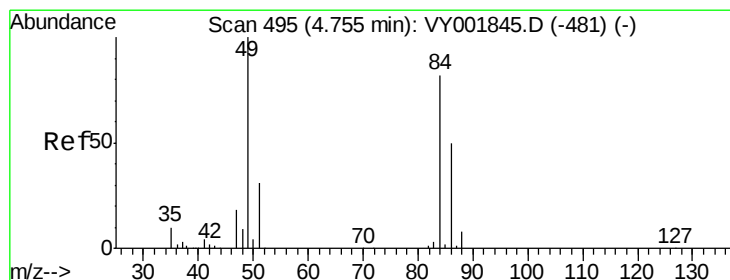
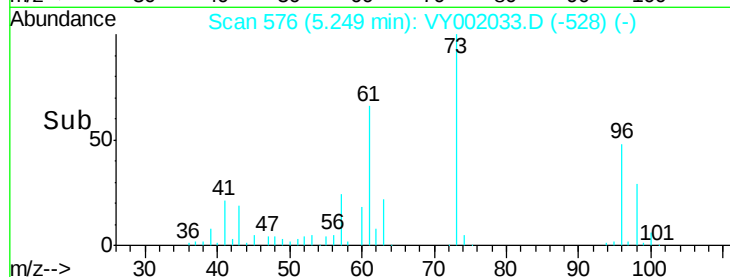
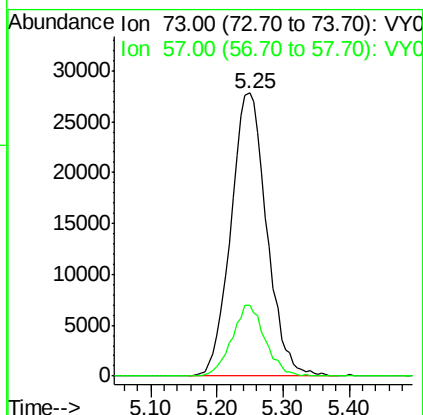
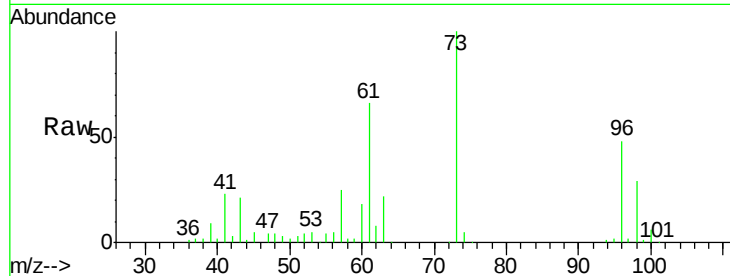




#19
Methyl tert-butyl Ether
Concen: 21.60 ug/l
RT: 5.25 min Scan# 576
Delta R.T. -0.01 min
Lab File: VY002033.D
Acq: 20 Mar 2020 11:48

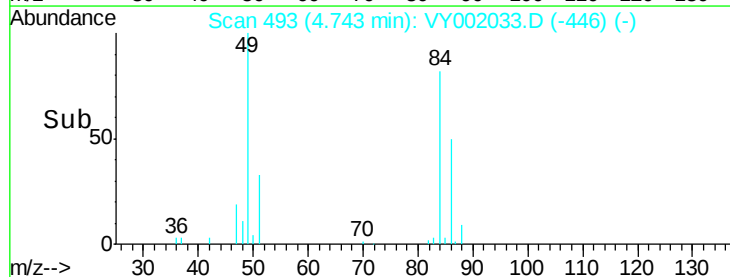
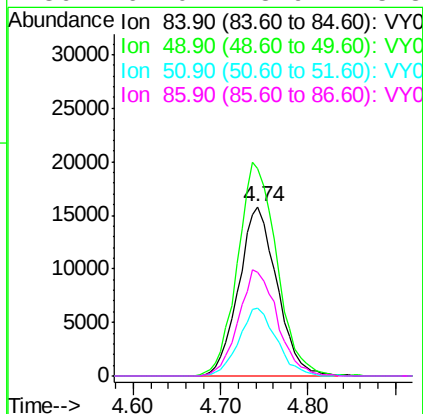
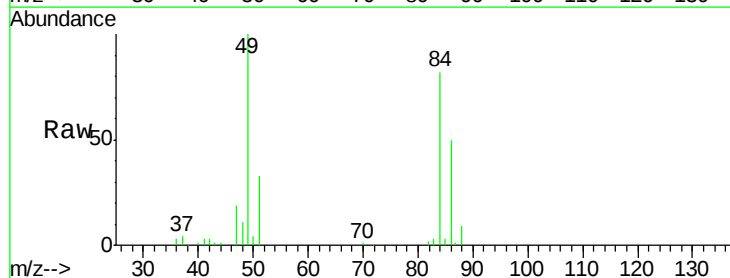
Instrument :
MSVOA_Y
ClientSampleId :
VY0320SBS01

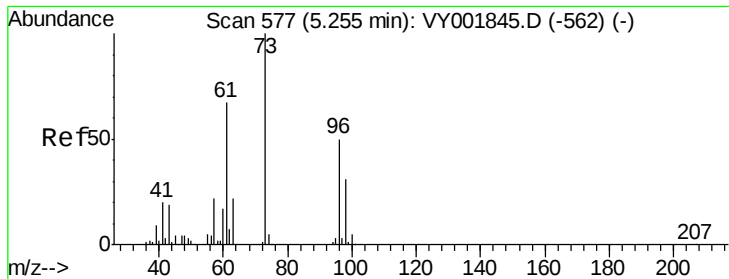
Tgt Ion: 73 Resp: 104353
Ion Ratio Lower Upper
73 100
57 24.9 17.4 26.2



#20
Methylene Chloride
Concen: 22.57 ug/l
RT: 4.74 min Scan# 493
Delta R.T. -0.01 min
Lab File: VY002033.D
Acq: 20 Mar 2020 11:48

Tgt Ion: 84 Resp: 48209
Ion Ratio Lower Upper
84 100
49 122.4 98.2 147.2
51 40.3 30.2 45.2
86 61.0 48.9 73.3





#21

trans-1,2-Dichloroethene

Concen: 20.54 ug/l

RT: 5.25 min Scan# 576

Delta R.T. -0.01 min

Lab File: VY002033.D

Acq: 20 Mar 2020 11:48

Instrument :

MSVOA_Y

ClientSampleId :

VY0320SBS01

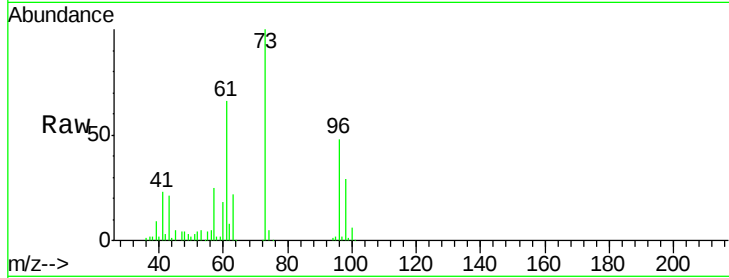
Tgt Ion: 96 Resp: 41551

Ion Ratio Lower Upper

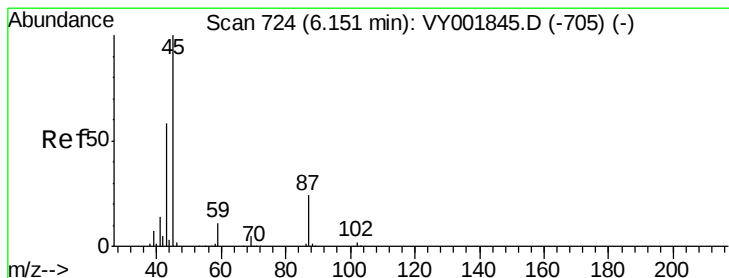
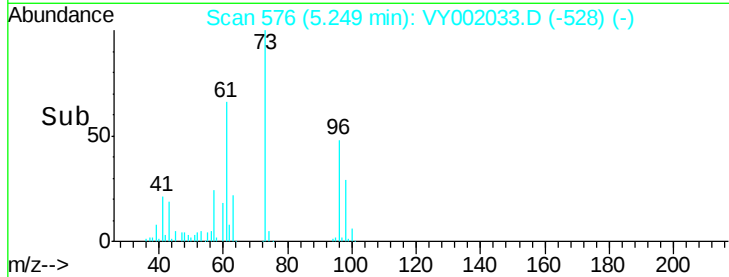
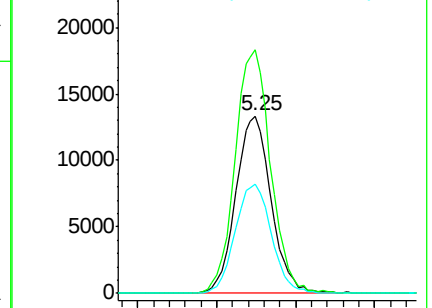
96 100

61 137.5 107.7 161.5

98 61.3 49.3 73.9



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



#22

Diisopropyl ether

Concen: 22.01 ug/l

RT: 6.14 min Scan# 723

Delta R.T. -0.01 min

Lab File: VY002033.D

Acq: 20 Mar 2020 11:48

Tgt Ion: 45 Resp: 142562

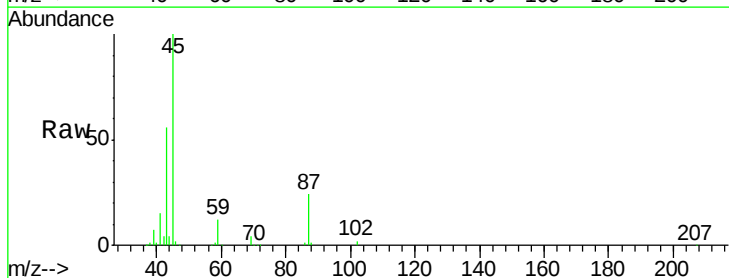
Ion Ratio Lower Upper

45 100

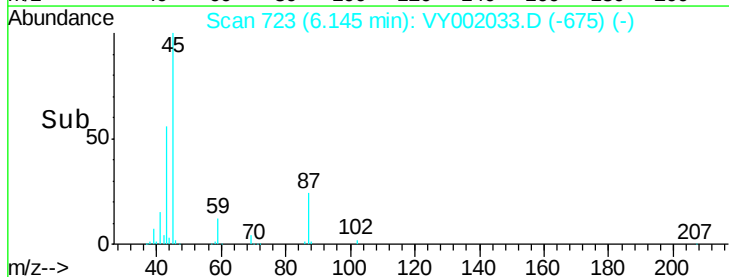
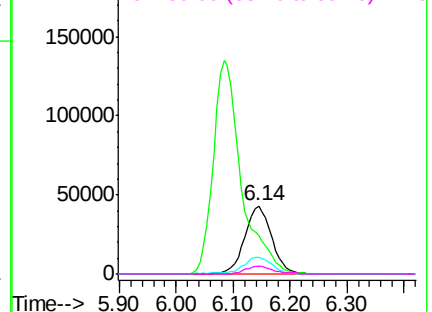
43 56.0 47.2 70.8

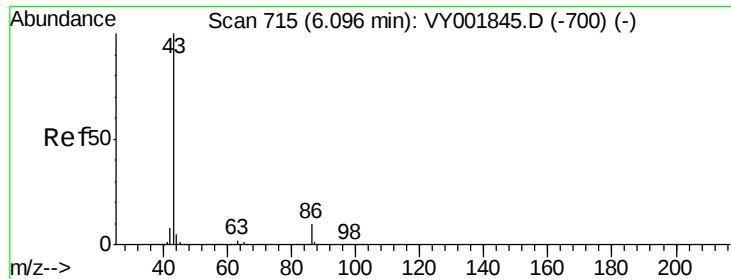
87 24.5 19.8 29.8

59 11.9 8.8 13.2



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





#23

Vinyl Acetate

Concen: 109.02 ug/l

RT: 6.08 min Scan# 713

Delta R.T. -0.01 min

Lab File: VY002033.D

Acq: 20 Mar 2020 11:48

Instrument :

MSVOA_Y

ClientSampleId :

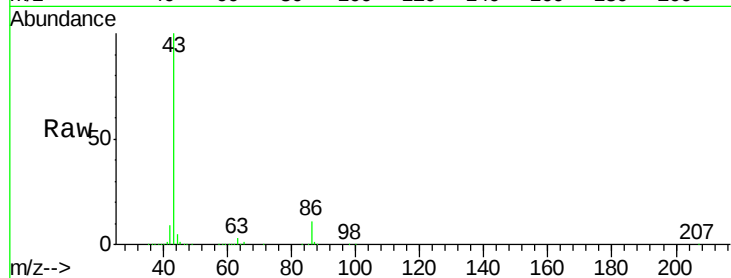
VY0320SBS01

Tgt Ion: 43 Resp: 462935

Ion Ratio Lower Upper

43 100

86 10.7 7.8 11.8



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0

6.08

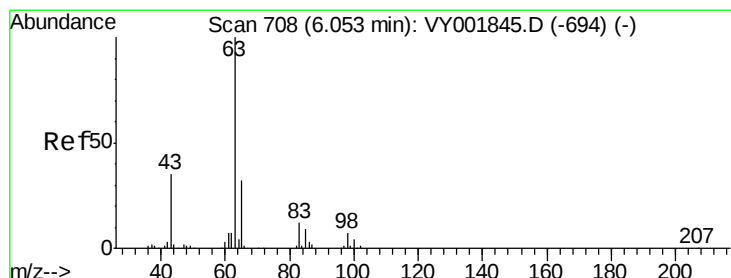
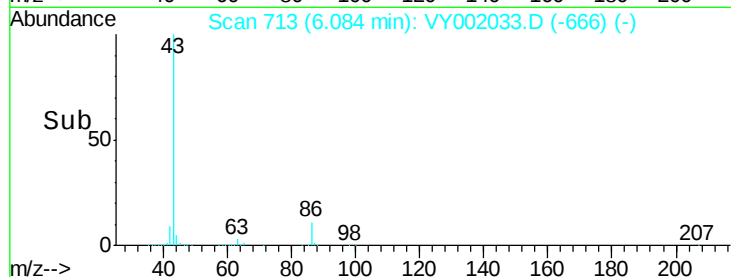
150000

100000

50000

0

Time--> 5.90 6.00 6.10 6.20 6.30



#24

1,1-Dichloroethane

Concen: 21.32 ug/l

RT: 6.05 min Scan# 707

Delta R.T. -0.01 min

Lab File: VY002033.D

Acq: 20 Mar 2020 11:48

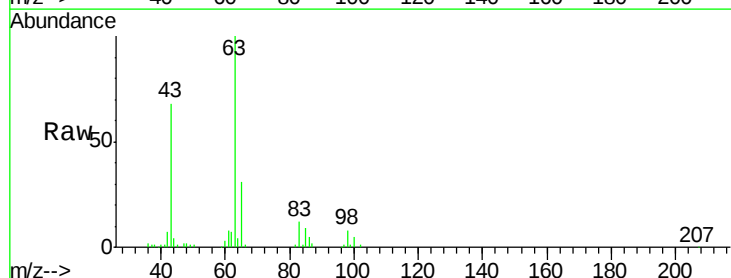
Tgt Ion: 63 Resp: 74792

Ion Ratio Lower Upper

63 100

98 7.6 3.4 10.2

100 5.0 2.0 6.0



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0

6.05

30000

25000

20000

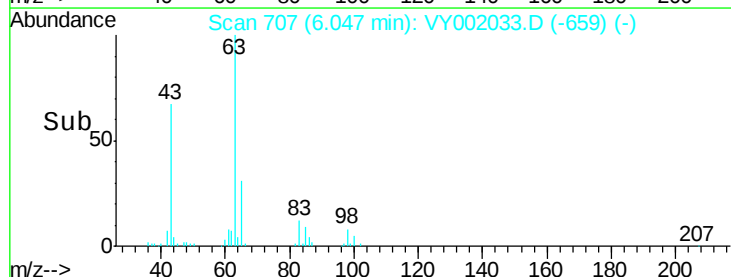
15000

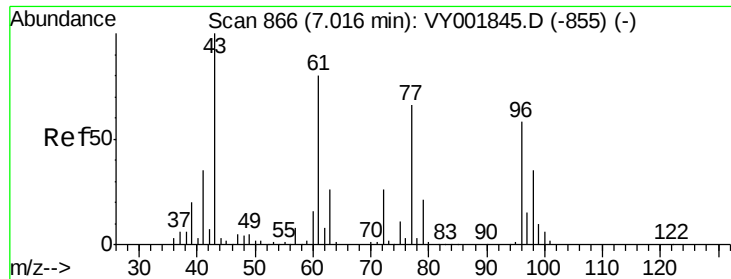
10000

5000

0

Time--> 5.90 6.00 6.10 6.20

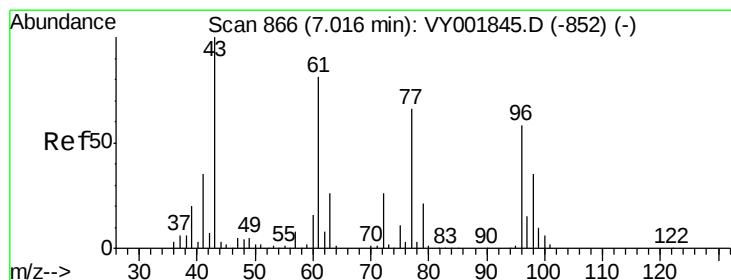
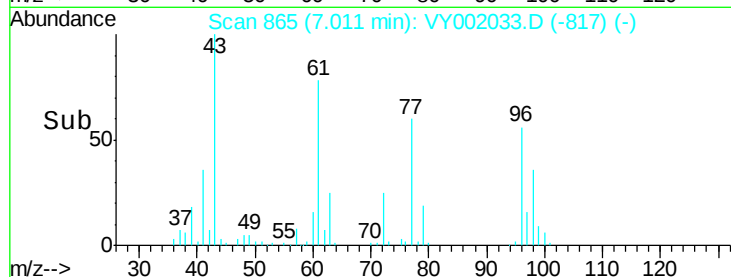
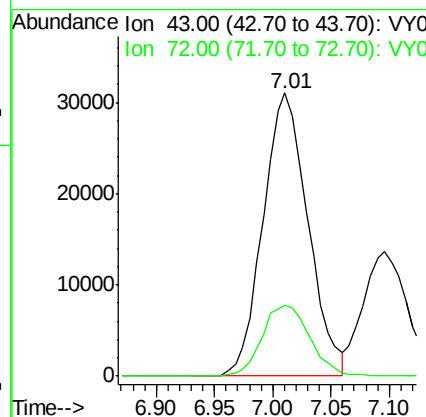
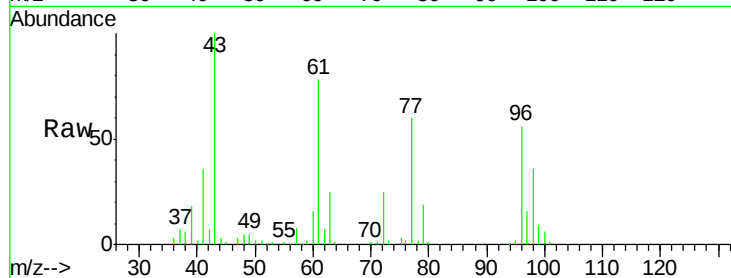




#25
2-Butanone
Concen: 109.34 ug/l
RT: 7.01 min Scan# 865
Delta R.T. -0.01 min
Lab File: VY002033.D
Acq: 20 Mar 2020 11:48

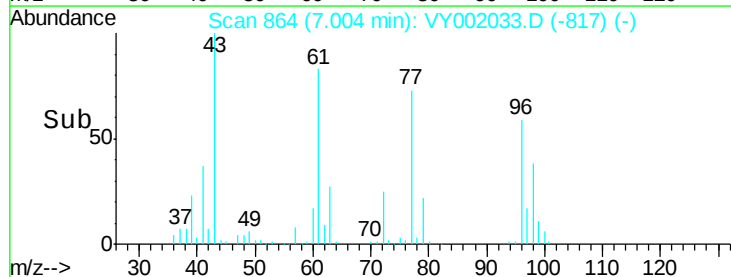
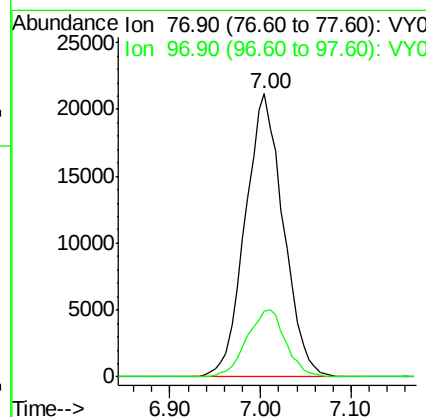
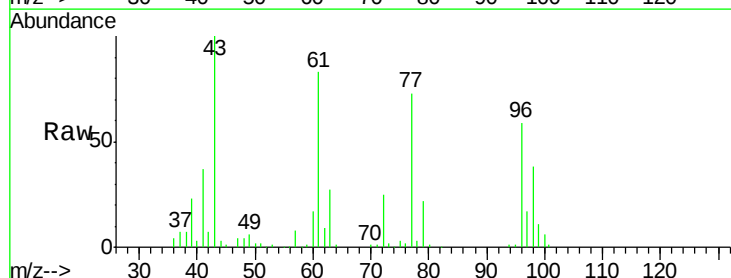
Instrument :
MSVOA_Y
ClientSampleId :
VY0320SBS01

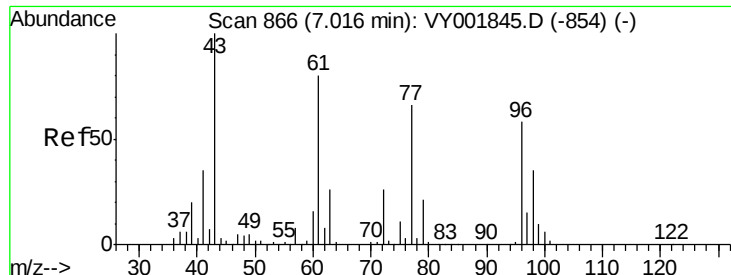
Tgt Ion: 43 Resp: 82887
Ion Ratio Lower Upper
43 100
72 25.3 20.9 31.3



#26
2,2-Dichloropropane
Concen: 21.48 ug/l
RT: 7.00 min Scan# 864
Delta R.T. -0.01 min
Lab File: VY002033.D
Acq: 20 Mar 2020 11:48

Tgt Ion: 77 Resp: 61841
Ion Ratio Lower Upper
77 100
97 24.1 11.9 35.7

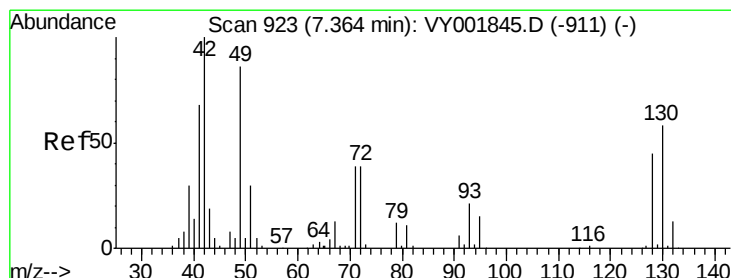
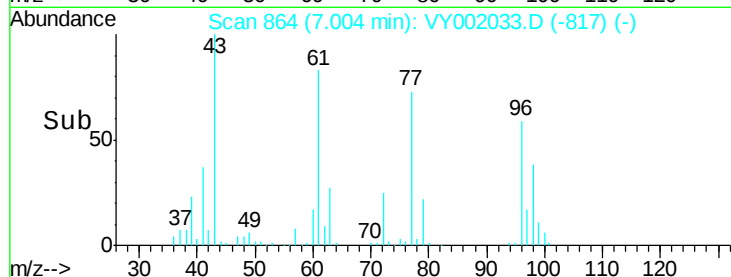
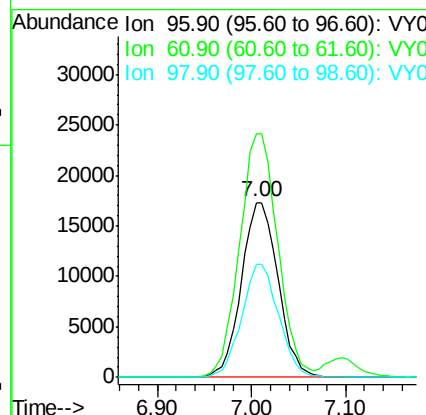
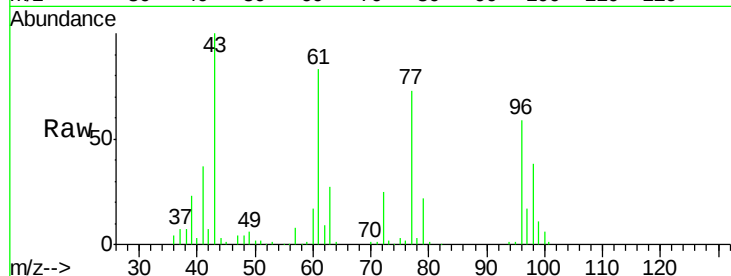




#27
 cis-1,2-Dichloroethene
 Concen: 21.36 ug/l
 RT: 7.00 min Scan# 864
 Delta R.T. -0.01 min
 Lab File: VY002033.D
 Acq: 20 Mar 2020 11:48

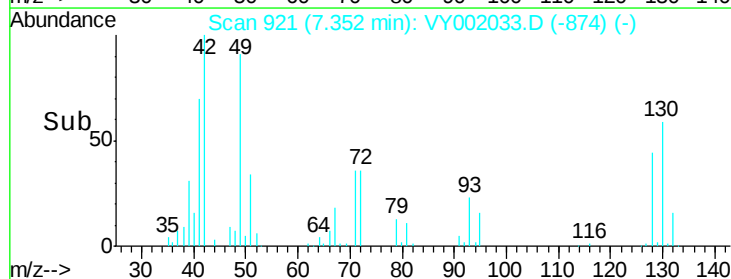
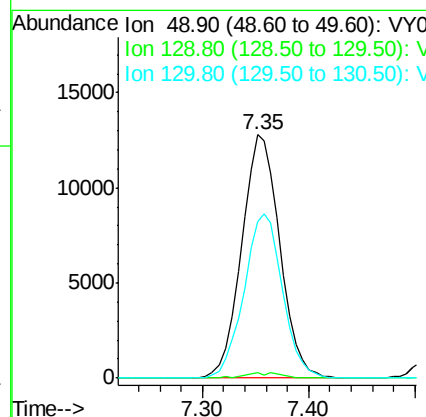
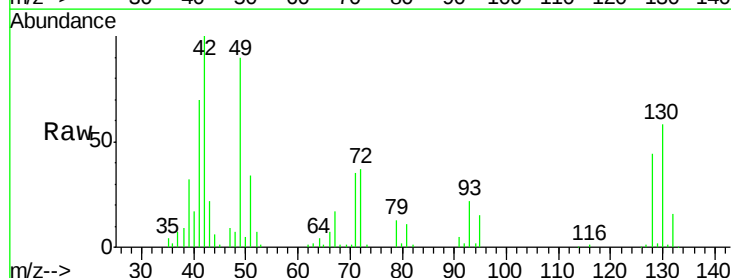
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0320SBS01

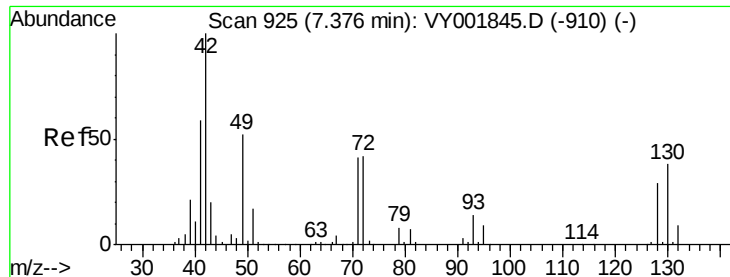
Tgt Ion: 96 Resp: 47006
 Ion Ratio Lower Upper
 96 100
 61 144.7 0.0 288.2
 98 64.9 0.0 129.0



#28
 Bromochloromethane
 Concen: 20.30 ug/l
 RT: 7.35 min Scan# 921
 Delta R.T. -0.01 min
 Lab File: VY002033.D
 Acq: 20 Mar 2020 11:48

Tgt Ion: 49 Resp: 32094
 Ion Ratio Lower Upper
 49 100
 129 1.1 0.0 3.8
 130 68.1 54.4 81.6

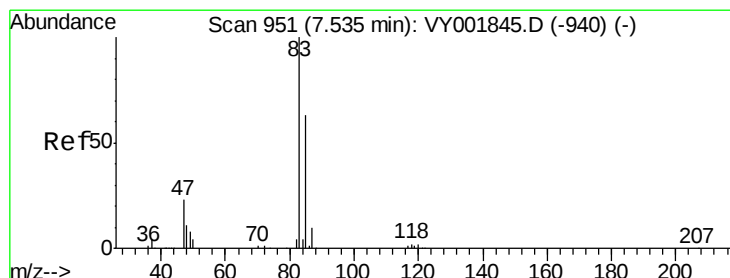
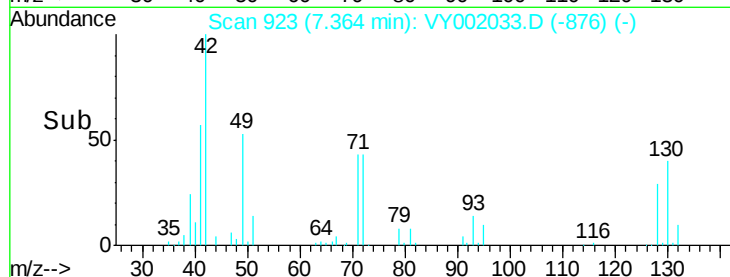
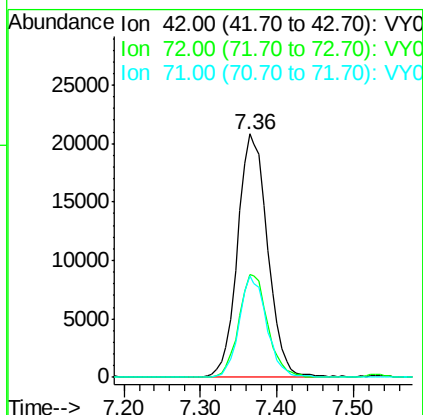
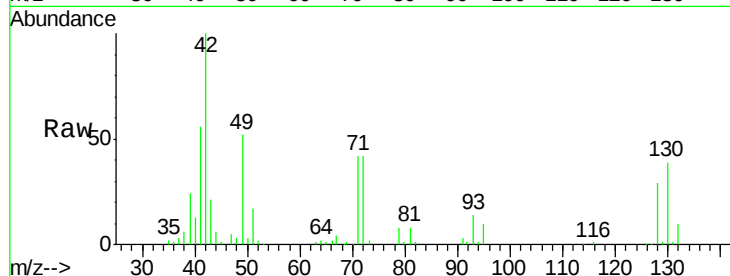




#29
Tetrahydrofuran
Concen: 112.73 ug/l
RT: 7.36 min Scan# 923
Delta R.T. -0.01 min
Lab File: VY002033.D
Acq: 20 Mar 2020 11:48

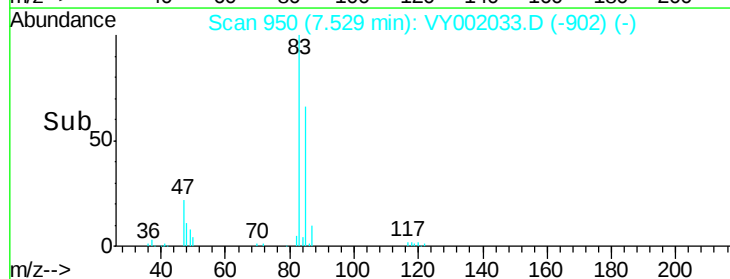
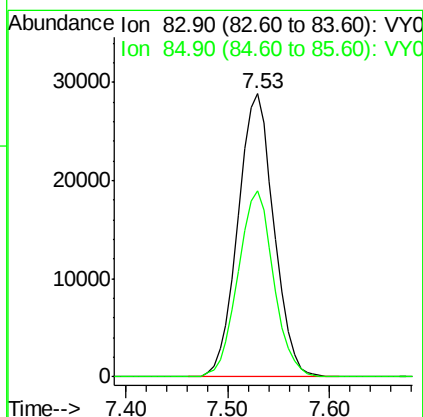
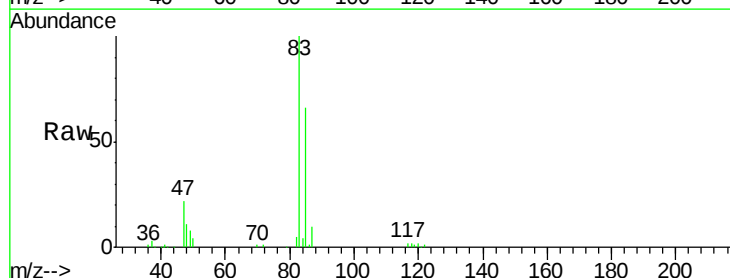
Instrument :
MSVOA_Y
ClientSampleId :
VY0320SBS01

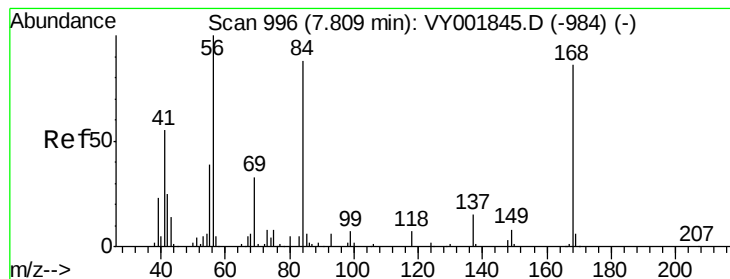
Tgt Ion: 42 Resp: 56750
Ion Ratio Lower Upper
42 100
72 40.3 33.5 50.3
71 38.0 31.3 46.9



#30
Chloroform
Concen: 21.45 ug/l
RT: 7.53 min Scan# 950
Delta R.T. -0.01 min
Lab File: VY002033.D
Acq: 20 Mar 2020 11:48

Tgt Ion: 83 Resp: 70702
Ion Ratio Lower Upper
83 100
85 65.6 50.7 76.1





#31

Cyclohexane

Concen: 20.31 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.01 min

Lab File: VY002033.D

Acq: 20 Mar 2020 11:48

Instrument :

MSVOA_Y

ClientSampleId :

VY0320SBS01

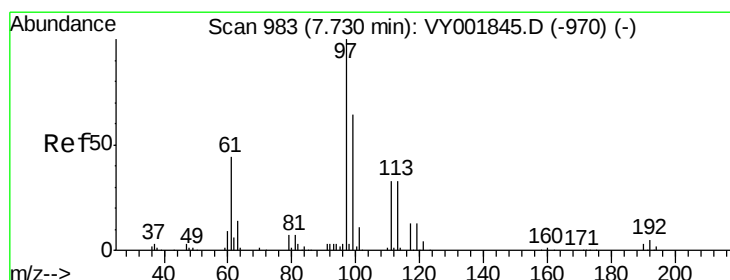
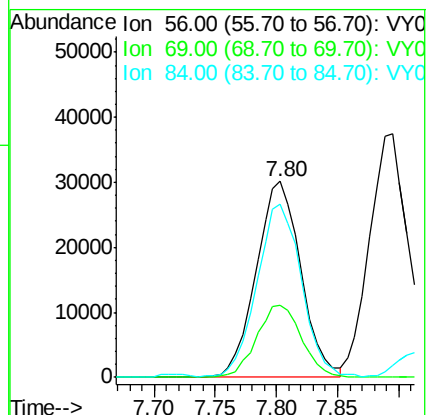
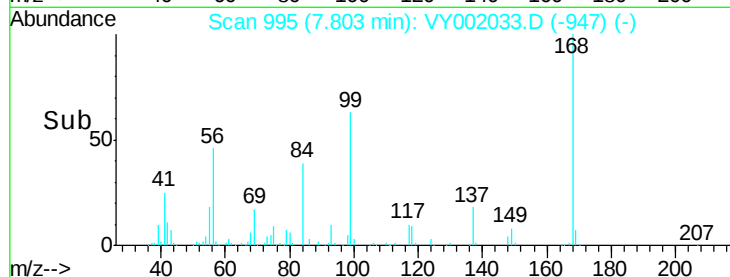
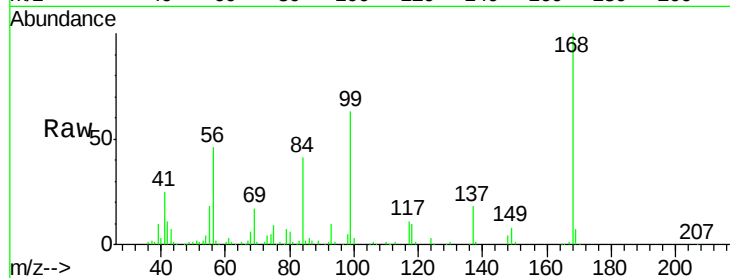
Tgt Ion: 56 Resp: 76375

Ion Ratio Lower Upper

56 100

69 36.9 26.7 40.1

84 87.1 70.4 105.6



#32

1,1,1-Trichloroethane

Concen: 21.85 ug/l

RT: 7.72 min Scan# 982

Delta R.T. -0.01 min

Lab File: VY002033.D

Acq: 20 Mar 2020 11:48

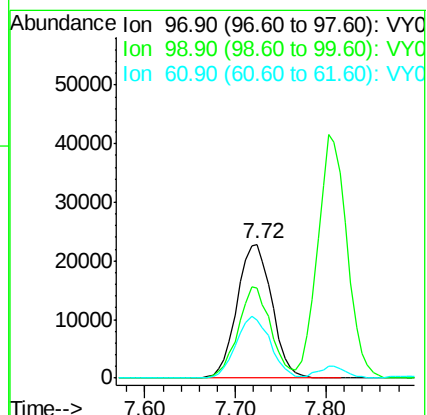
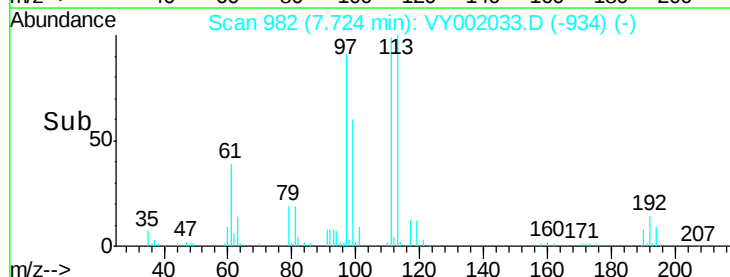
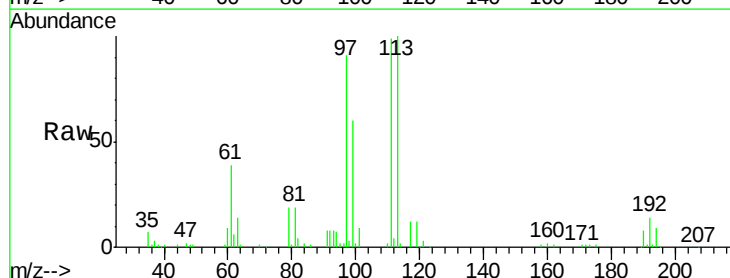
Tgt Ion: 97 Resp: 60683

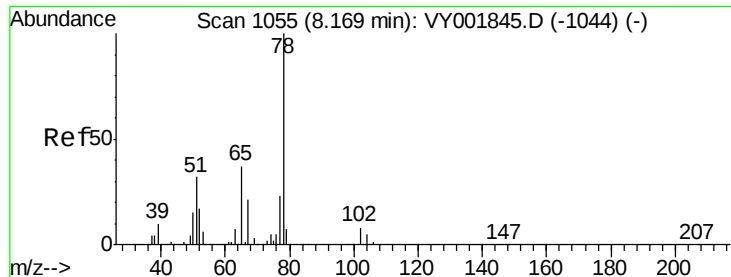
Ion Ratio Lower Upper

97 100

99 64.3 52.0 78.0

61 45.7 35.0 52.4

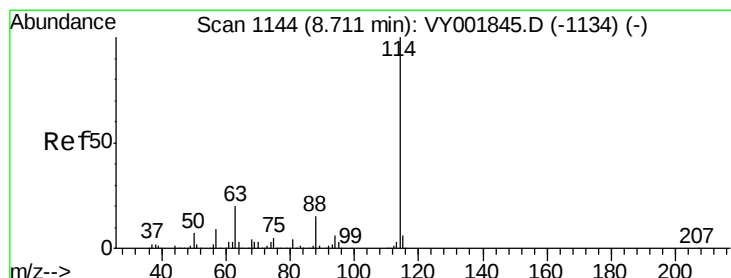
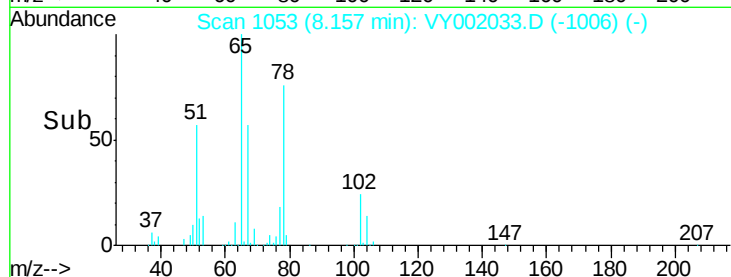
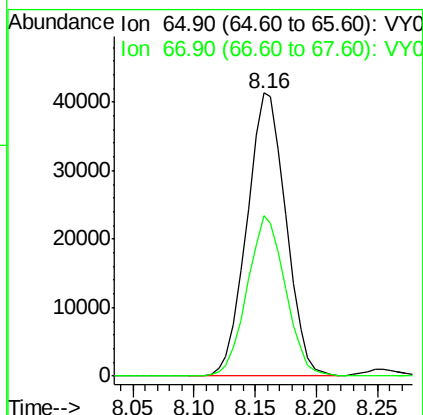
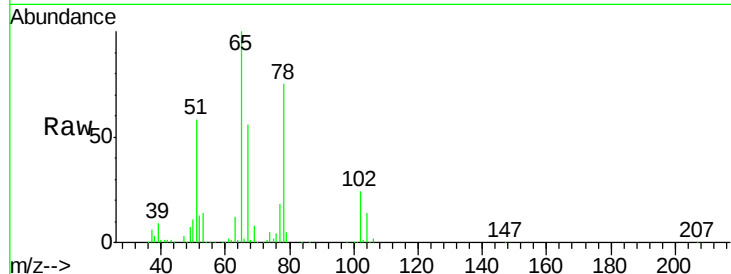




#33
 1,2-Dichloroethane-d4
 Concen: 53.59 ug/l
 RT: 8.16 min Scan# 1053
 Delta R.T. -0.01 min
 Lab File: VY002033.D
 Acq: 20 Mar 2020 11:48

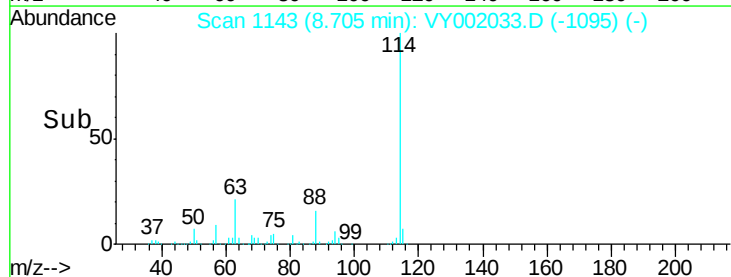
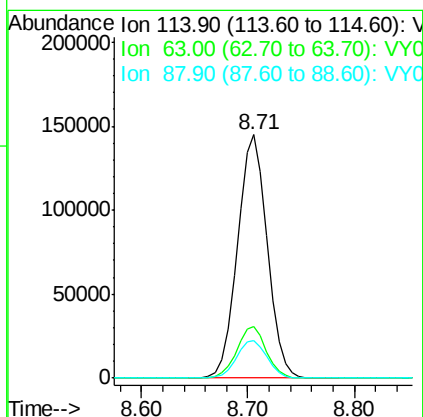
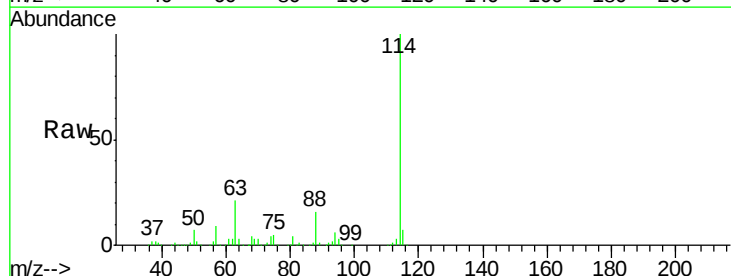
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0320SBS01

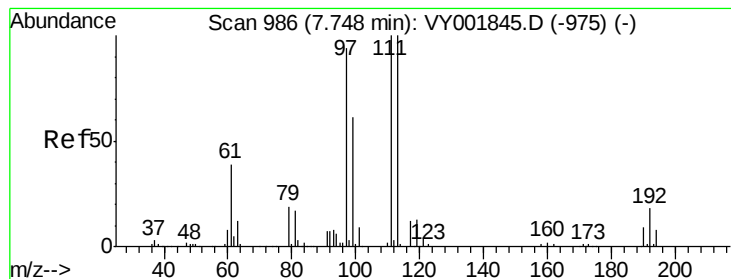
Tgt Ion: 65 Resp: 91721
 Ion Ratio Lower Upper
 65 100
 67 55.6 0.0 110.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.71 min Scan# 1143
 Delta R.T. -0.01 min
 Lab File: VY002033.D
 Acq: 20 Mar 2020 11:48

Tgt Ion: 114 Resp: 283464
 Ion Ratio Lower Upper
 114 100
 63 21.0 0.0 39.4
 88 15.6 0.0 30.4





#35

Dibromofluoromethane

Concen: 55.06 ug/l

RT: 7.74 min Scan# 984

Delta R.T. -0.01 min

Lab File: VY002033.D

Acq: 20 Mar 2020 11:48

Instrument :

MSVOA_Y

ClientSampleId :

VY0320SBS01

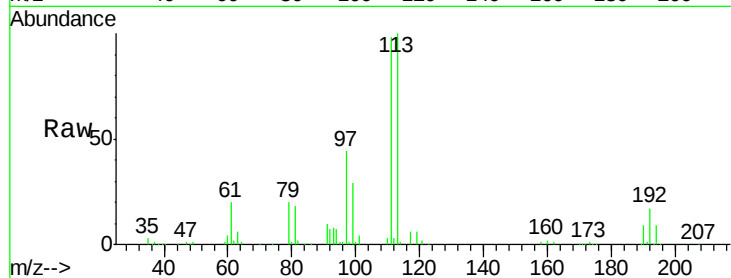
Tgt Ion:113 Resp: 85221

Ion Ratio Lower Upper

113 100

111 103.2 81.8 122.8

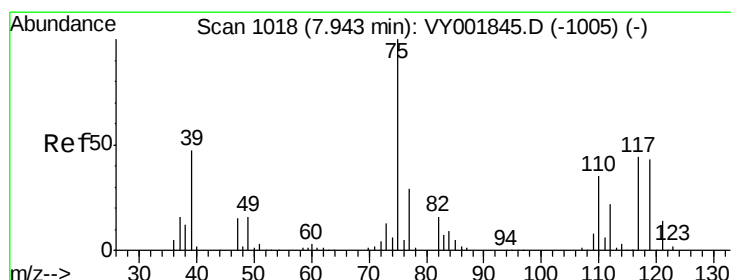
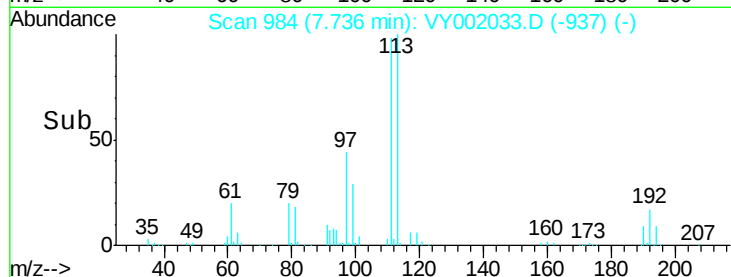
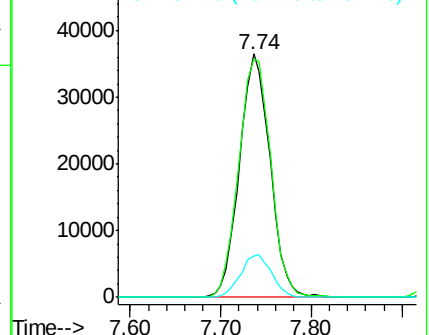
192 17.9 14.2 21.2



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: 21.68 ug/l

RT: 7.93 min Scan# 1016

Delta R.T. -0.01 min

Lab File: VY002033.D

Acq: 20 Mar 2020 11:48

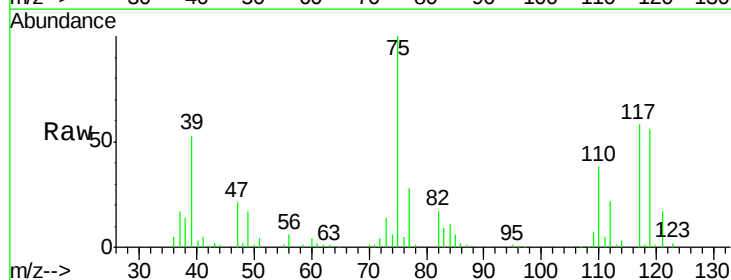
Tgt Ion: 75 Resp: 59136

Ion Ratio Lower Upper

75 100

110 34.0 17.4 52.2

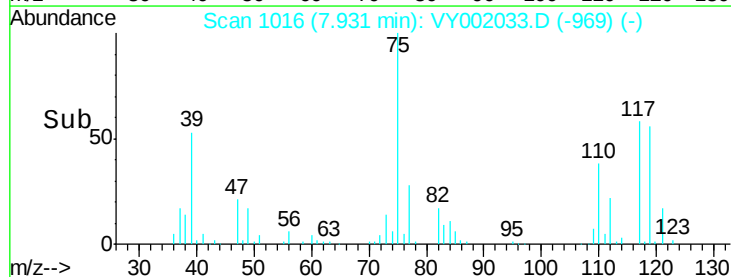
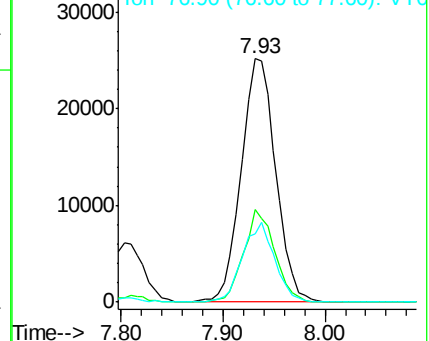
77 30.8 24.2 36.2

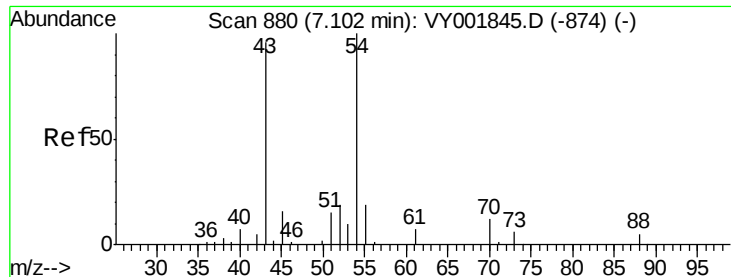


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VY0

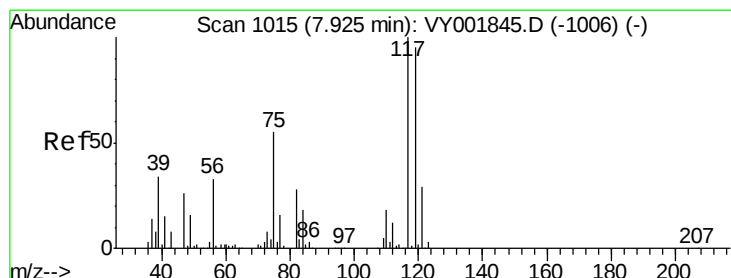
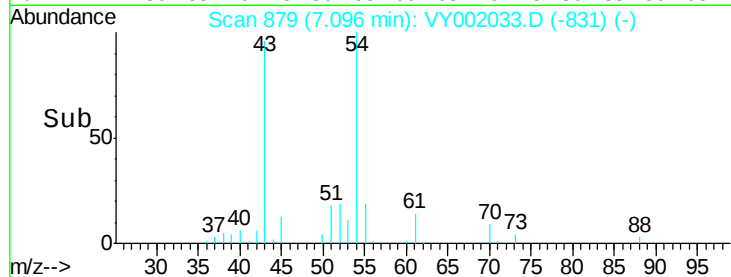
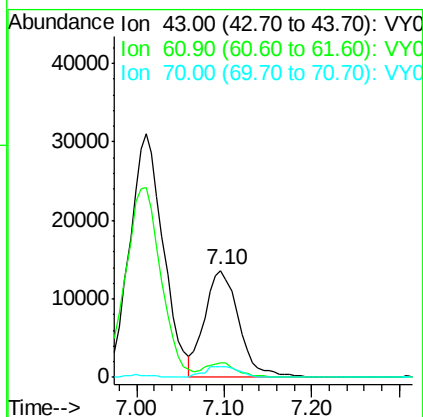
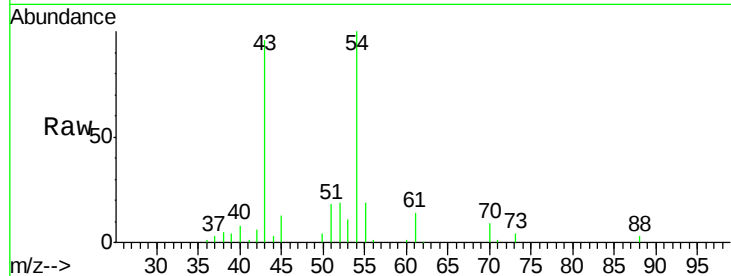




#37
 Ethyl Acetate
 Concen: 23.47 ug/l
 RT: 7.10 min Scan# 879
 Delta R.T. -0.01 min
 Lab File: VY002033.D
 Acq: 20 Mar 2020 11:48

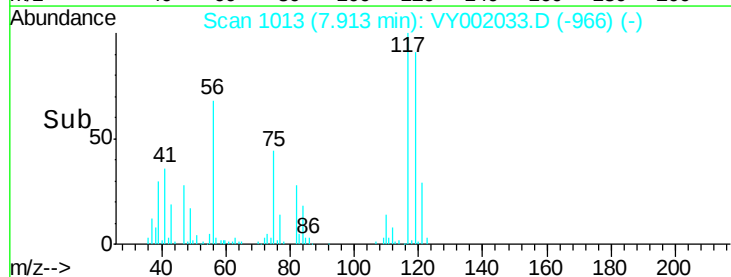
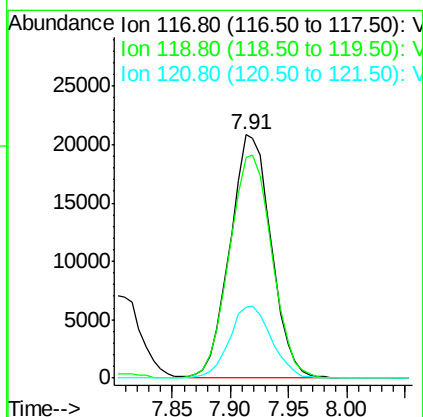
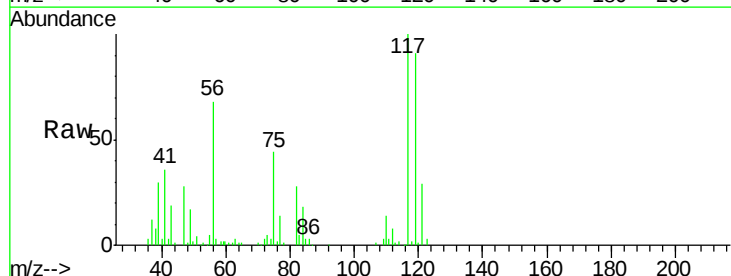
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0320SBS01

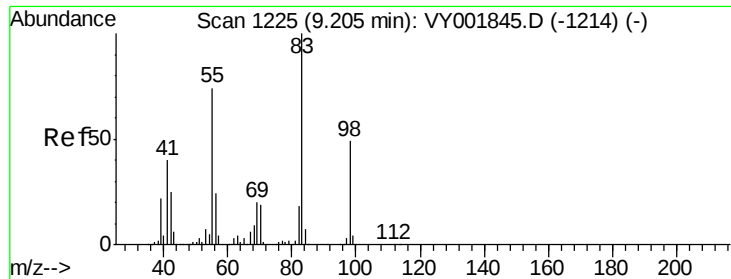
Tgt Ion: 43 Resp: 37213
 Ion Ratio Lower Upper
 43 100
 61 12.9 11.1 16.7
 70 9.9 8.2 12.4



#38
 Carbon Tetrachloride
 Concen: 22.09 ug/l
 RT: 7.91 min Scan# 1013
 Delta R.T. -0.01 min
 Lab File: VY002033.D
 Acq: 20 Mar 2020 11:48

Tgt Ion: 117 Resp: 51474
 Ion Ratio Lower Upper
 117 100
 119 90.6 76.3 114.5
 121 29.3 23.5 35.3

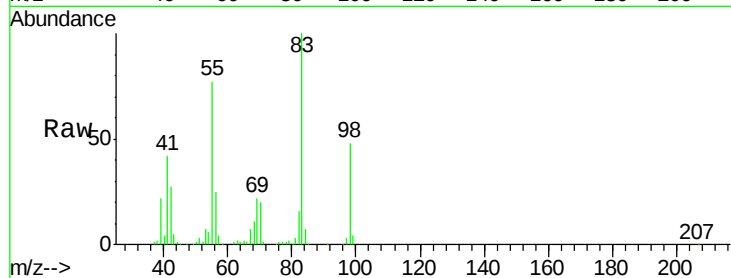




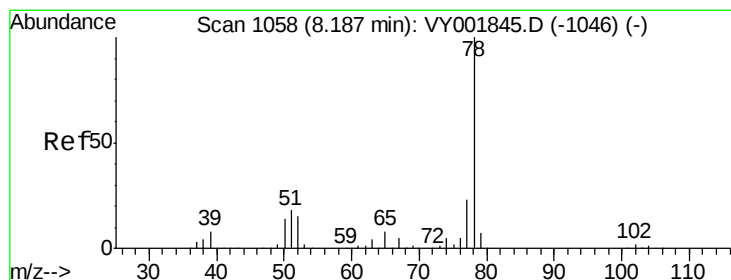
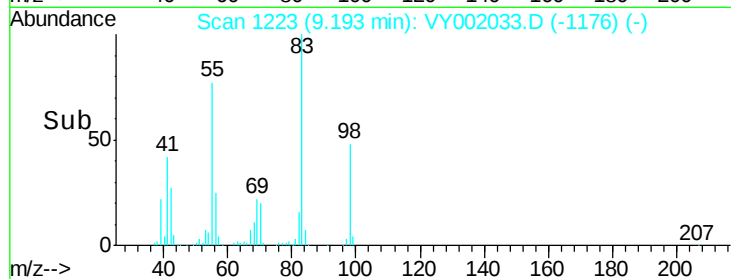
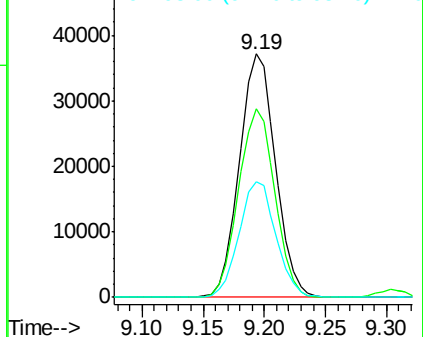
#39
Methylcyclohexane
Concen: 21.06 ug/l
RT: 9.19 min Scan# 1223
Delta R.T. -0.01 min
Lab File: VY002033.D
Acq: 20 Mar 2020 11:48

Instrument :
MSVOA_Y
ClientSampleId :
VY0320SBS01

Tgt Ion: 83 Resp: 76176
Ion Ratio Lower Upper
83 100
55 77.4 59.4 89.0
98 47.7 38.9 58.3

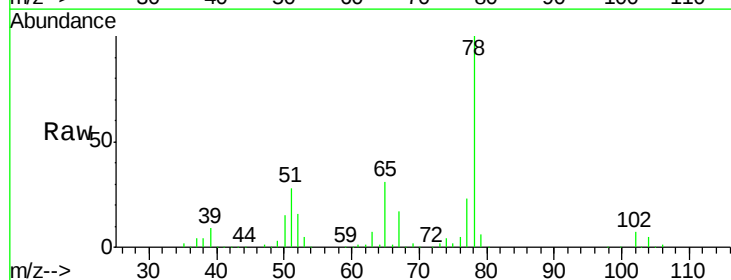


Abundance Ion 83.00 (82.70 to 83.70): VY0
Ion 55.00 (54.70 to 55.70): VY0
Ion 98.00 (97.70 to 98.70): VY0

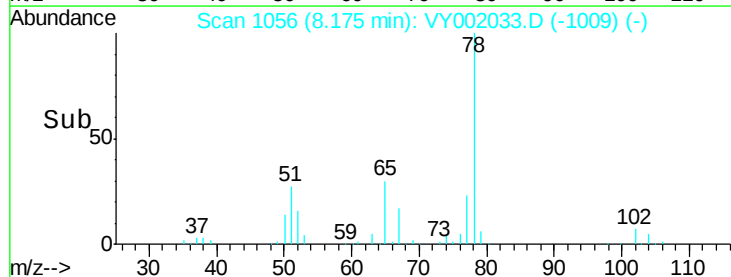
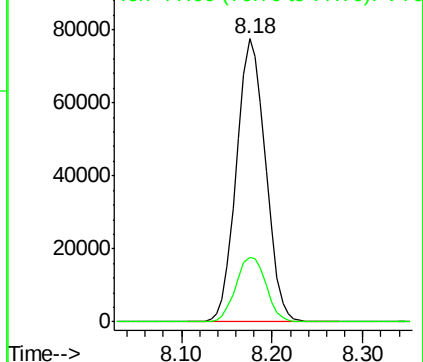


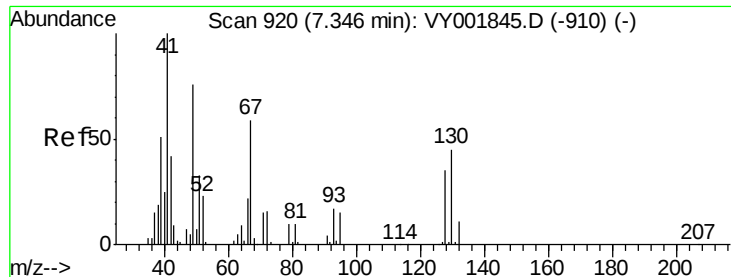
#40
Benzene
Concen: 21.36 ug/l
RT: 8.18 min Scan# 1056
Delta R.T. -0.01 min
Lab File: VY002033.D
Acq: 20 Mar 2020 11:48

Tgt Ion: 78 Resp: 172671
Ion Ratio Lower Upper
78 100
77 23.0 18.7 28.1



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





#41

Methacrylonitrile

Concen: 68.33 ug/l

RT: 7.36 min Scan# 923

Delta R.T. 0.02 min

Lab File: VY002033.D

Acq: 20 Mar 2020 11:48

Instrument :

MSVOA_Y

ClientSampleId :

VY0320SBS01

Tgt Ion: 41 Resp: 48755

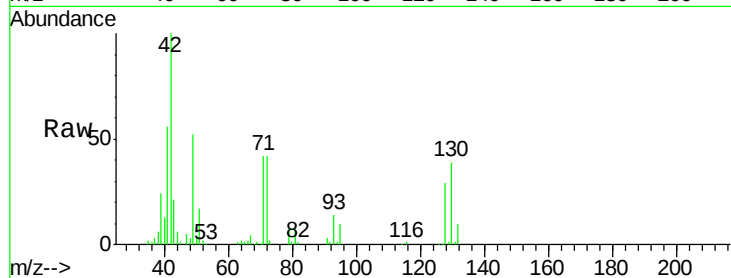
Ion Ratio Lower Upper

41 100

39 0.0 111.7 167.5#

67 0.0 0.0 0.0

52 0.0 0.0 0.0

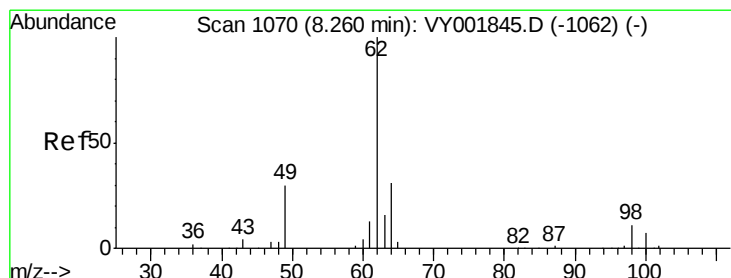
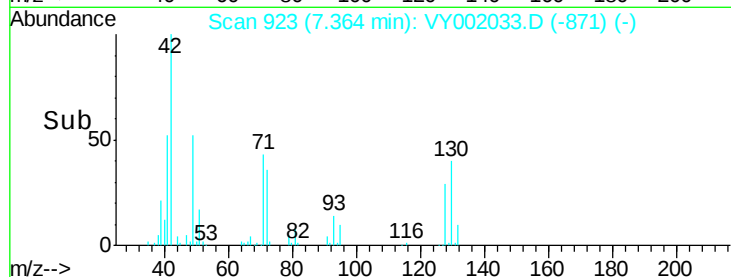
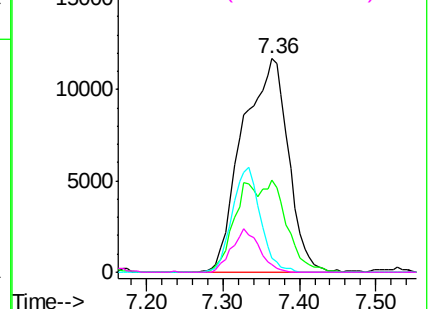


Abundance Ion 41.00 (40.70 to 41.70): VY0

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: 22.47 ug/l

RT: 8.25 min Scan# 1069

Delta R.T. -0.01 min

Lab File: VY002033.D

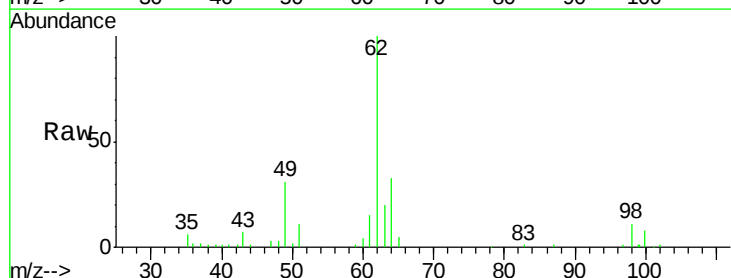
Acq: 20 Mar 2020 11:48

Tgt Ion: 62 Resp: 46824

Ion Ratio Lower Upper

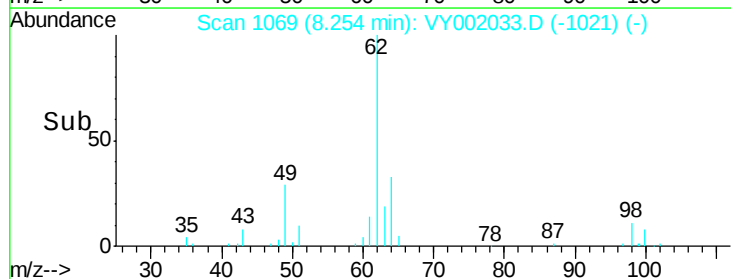
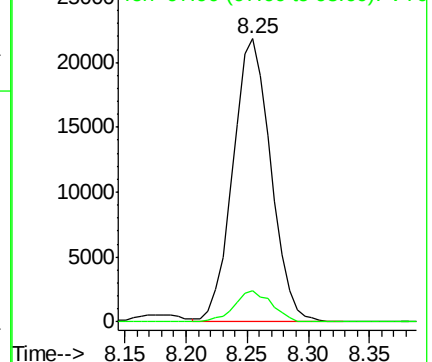
62 100

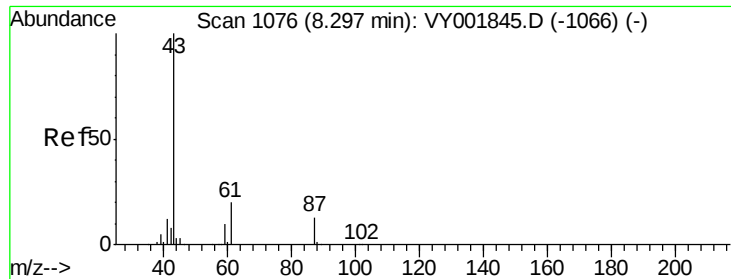
98 10.7 0.0 21.4



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

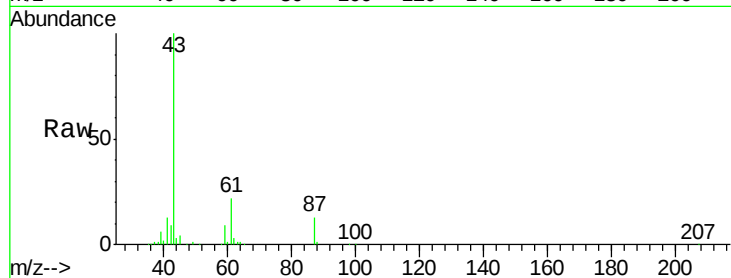




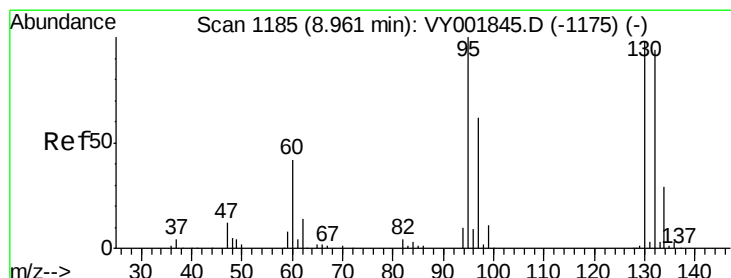
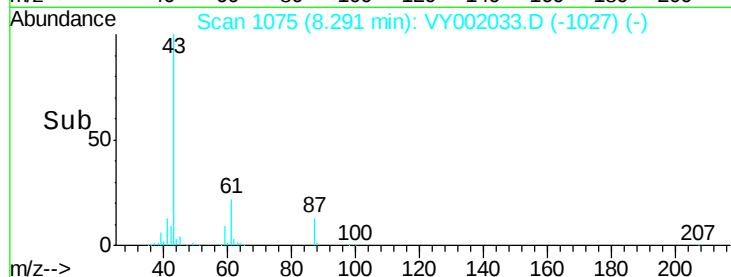
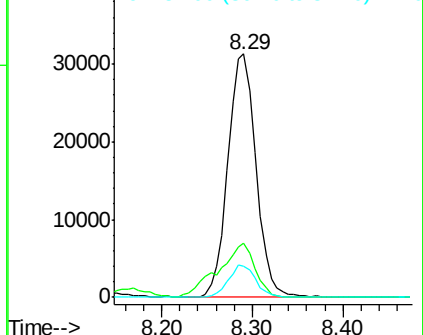
#43
Isopropyl Acetate
Concen: 22.50 ug/l
RT: 8.29 min Scan# 1075
Delta R.T. -0.01 min
Lab File: VY002033.D
Acq: 20 Mar 2020 11:48

Instrument :
MSVOA_Y
ClientSampleId :
VY0320SBS01

Tgt Ion: 43 Resp: 67530
Ion Ratio Lower Upper
43 100
61 29.2 23.8 35.6
87 12.9 10.9 16.3

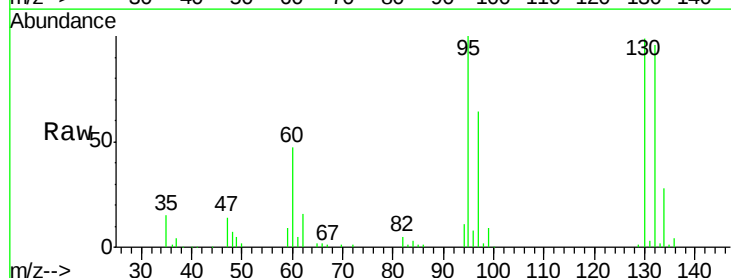


Abundance Ion 43.00 (42.70 to 43.70): VY0
Ion 61.00 (60.70 to 61.70): VY0
Ion 87.00 (86.70 to 87.70): VY0

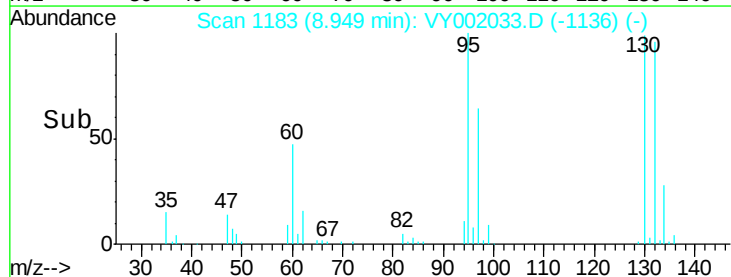
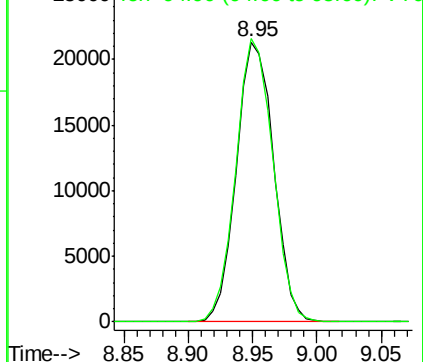


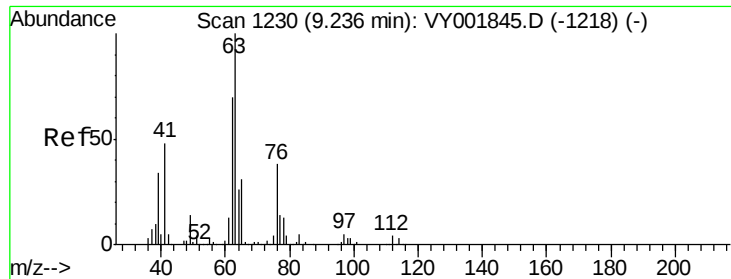
#44
Trichloroethene
Concen: 21.74 ug/l
RT: 8.95 min Scan# 1183
Delta R.T. -0.01 min
Lab File: VY002033.D
Acq: 20 Mar 2020 11:48

Tgt Ion: 130 Resp: 42815
Ion Ratio Lower Upper
130 100
95 101.1 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: 21.78 ug/l

RT: 9.23 min Scan# 1229

Delta R.T. -0.01 min

Lab File: VY002033.D

Acq: 20 Mar 2020 11:48

Instrument :

MSVOA_Y

ClientSampleId :

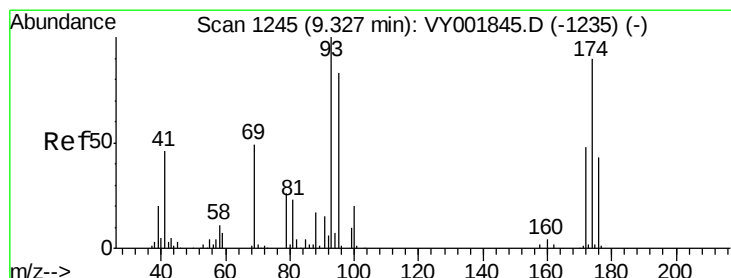
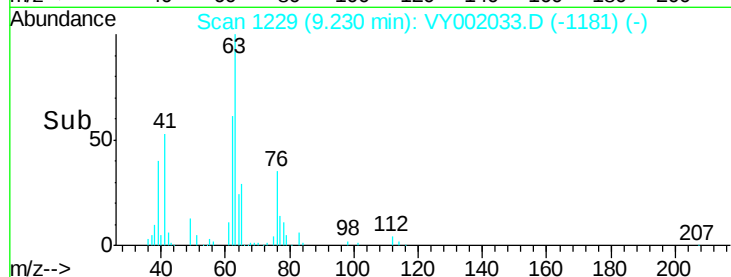
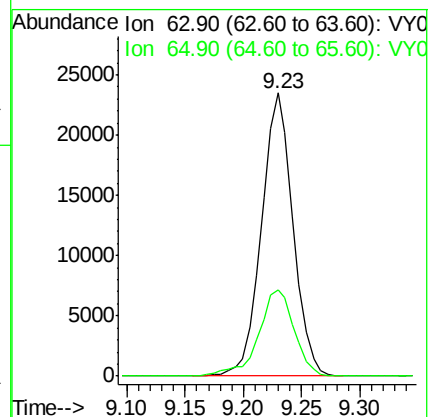
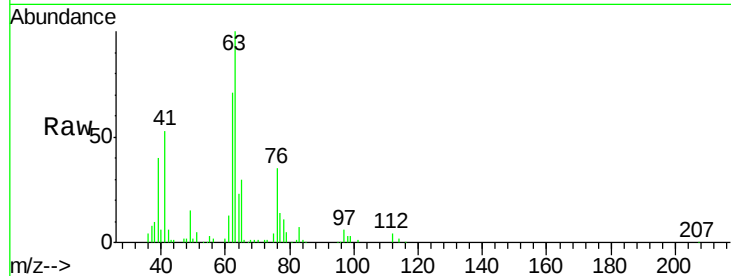
VY0320SBS01

Tgt Ion: 63 Resp: 44258

Ion Ratio Lower Upper

63 100

65 30.4 24.9 37.3



#46

Dibromomethane

Concen: 22.68 ug/l

RT: 9.32 min Scan# 1243

Delta R.T. -0.01 min

Lab File: VY002033.D

Acq: 20 Mar 2020 11:48

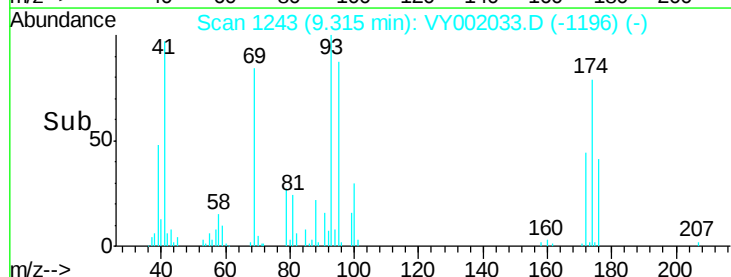
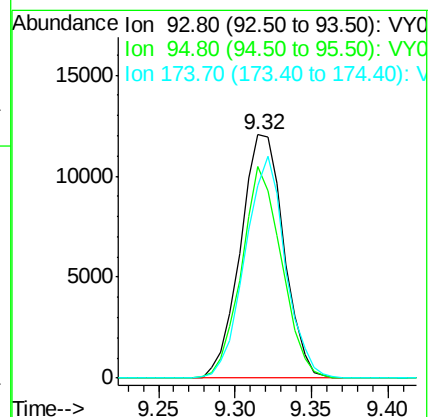
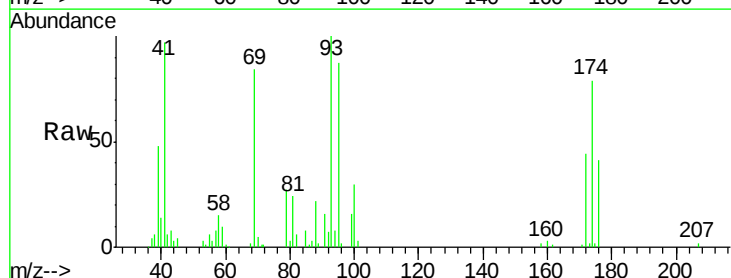
Tgt Ion: 93 Resp: 23759

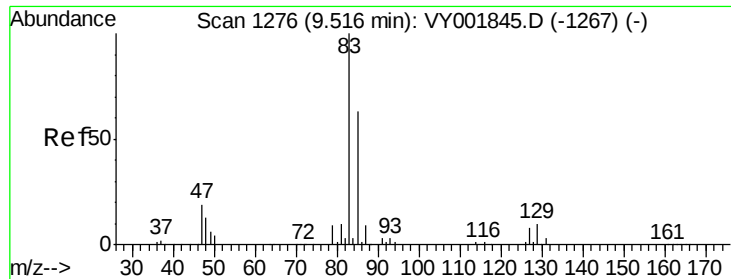
Ion Ratio Lower Upper

93 100

95 80.2 67.0 100.4

174 84.8 71.8 107.8





#47

Bromodichloromethane

Concen: 22.47 ug/l

RT: 9.51 min Scan# 1275

Delta R.T. -0.01 min

Lab File: VY002033.D

Acq: 20 Mar 2020 11:48

Instrument :

MSVOA_Y

ClientSampleId :

VY0320SBS01

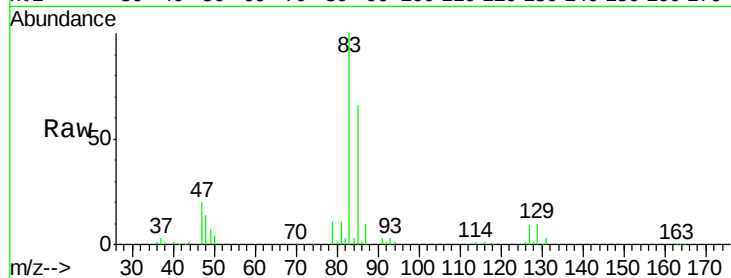
Tgt Ion: 83 Resp: 54749

Ion Ratio Lower Upper

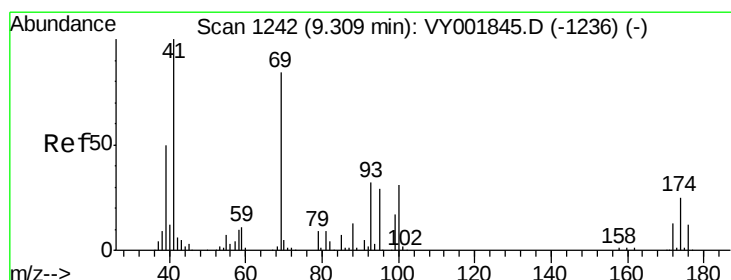
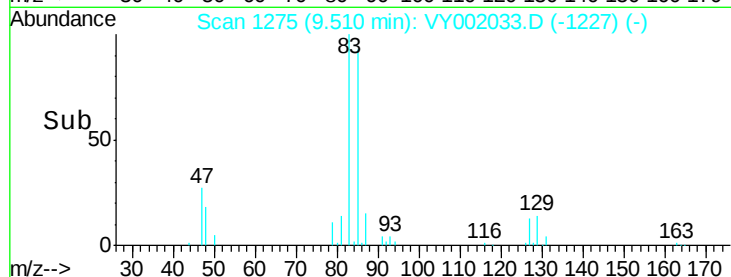
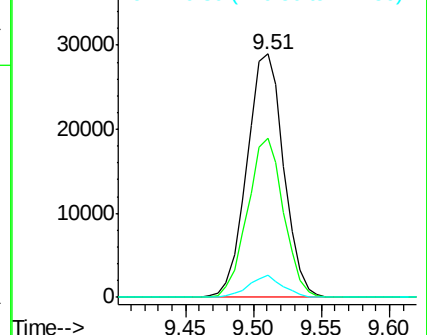
83 100

85 65.6 50.6 76.0

127 8.9 6.2 9.4



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



#48

Methyl methacrylate

Concen: 22.73 ug/l

RT: 9.30 min Scan# 1241

Delta R.T. -0.01 min

Lab File: VY002033.D

Acq: 20 Mar 2020 11:48

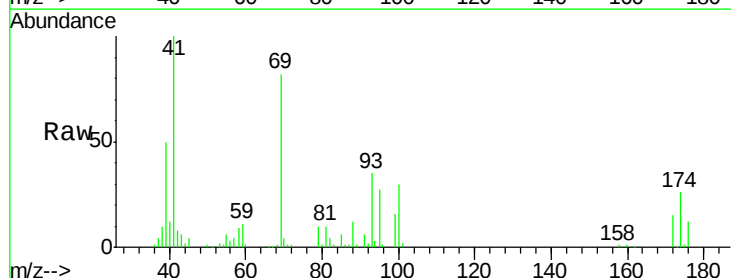
Tgt Ion: 41 Resp: 30277

Ion Ratio Lower Upper

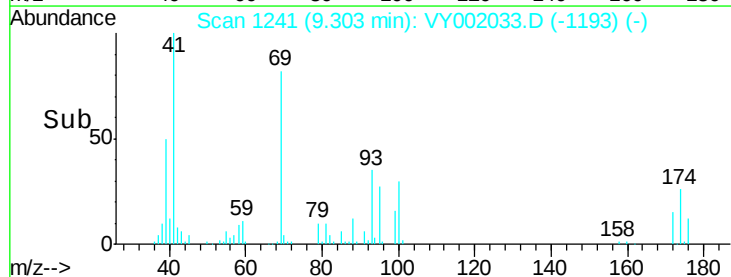
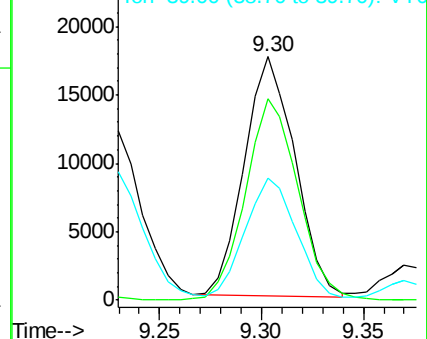
41 100

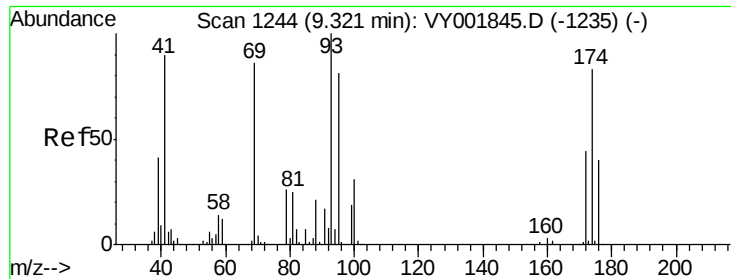
69 87.1 69.0 103.6

39 52.7 39.1 58.7



Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 69.00 (68.70 to 69.70): VY0
Ion 39.00 (38.70 to 39.70): VY0

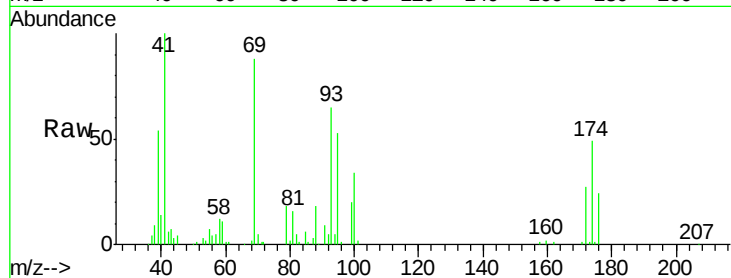




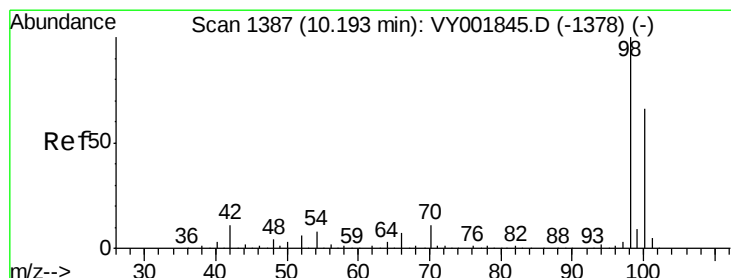
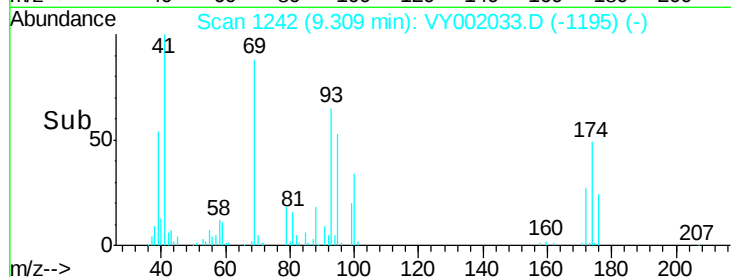
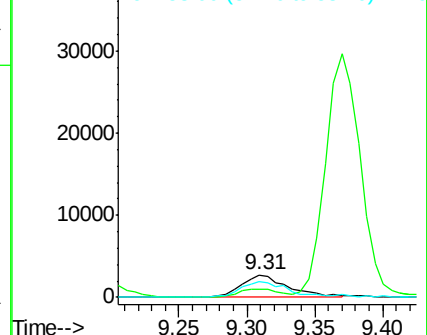
#49
1,4-Dioxane
Concen: 455.42 ug/l
RT: 9.31 min Scan# 1242
Delta R.T. -0.01 min
Lab File: VY002033.D
Acq: 20 Mar 2020 11:48

Instrument :
MSVOA_Y
ClientSampleId :
VY0320SBS01

Tgt Ion: 88 Resp: 6536
Ion Ratio Lower Upper
88 100
43 34.9 25.0 37.6
58 70.8 58.9 88.3

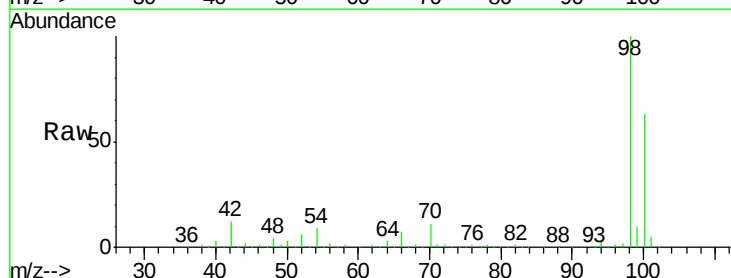


Abundance Ion 88.00 (87.70 to 88.70): VY0
Ion 43.00 (42.70 to 43.70): VY0
Ion 58.00 (57.70 to 58.70): VY0

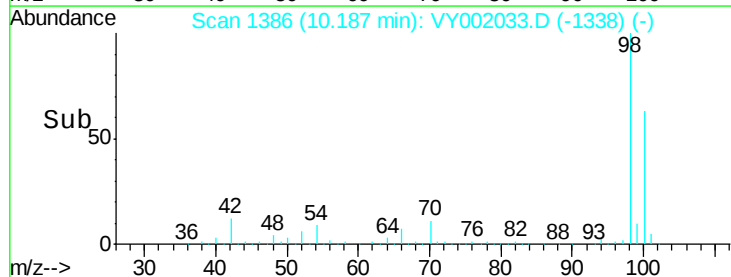
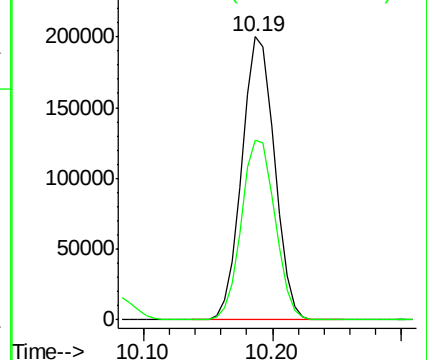


#50
Toluene-d8
Concen: 53.81 ug/l
RT: 10.19 min Scan# 1386
Delta R.T. -0.01 min
Lab File: VY002033.D
Acq: 20 Mar 2020 11:48

Tgt Ion: 98 Resp: 351219
Ion Ratio Lower Upper
98 100
100 65.3 53.0 79.4



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

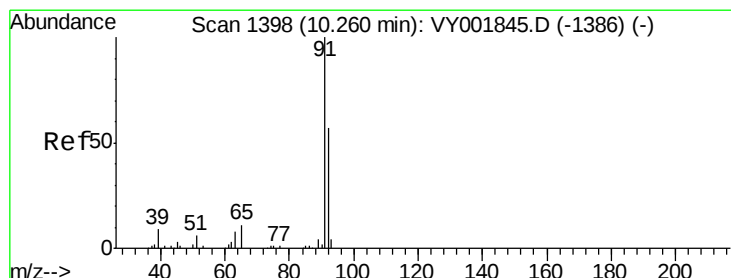
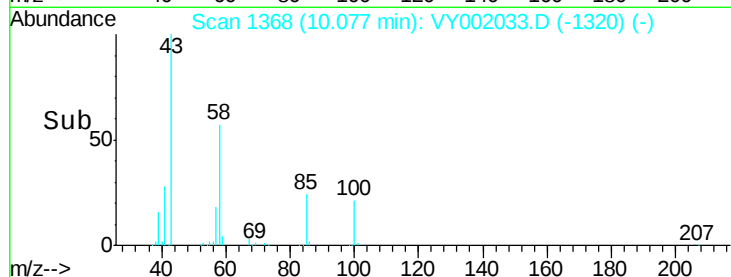
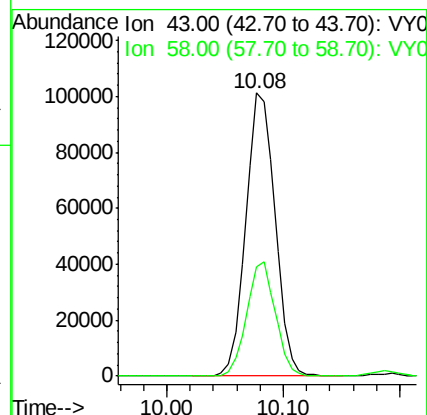
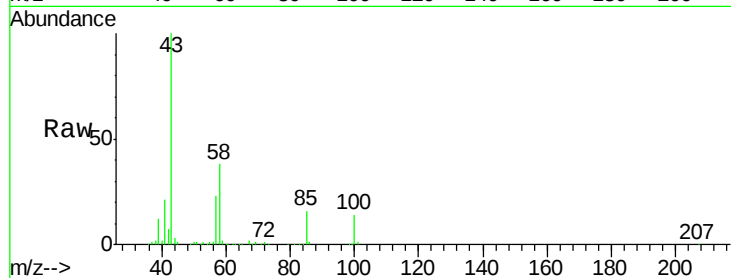




#51
4-Methyl-2-Pentanone
Concen: 115.40 ug/l
RT: 10.08 min Scan# 1368
Delta R.T. -0.01 min
Lab File: VY002033.D
Acq: 20 Mar 2020 11:48

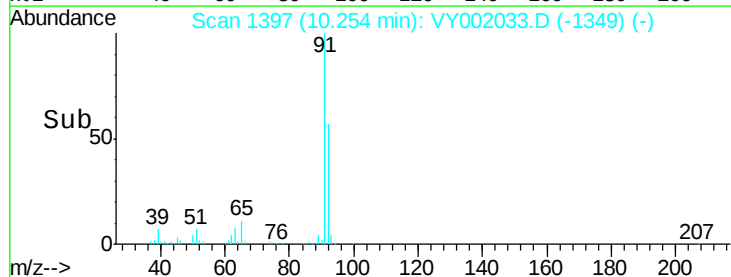
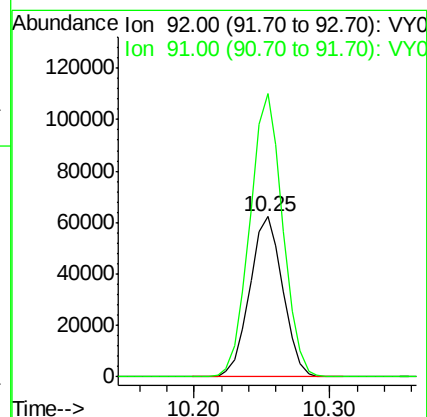
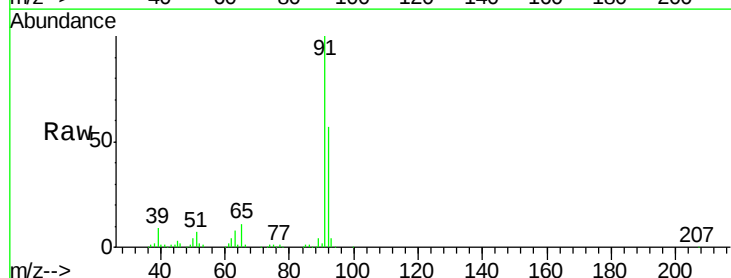
Instrument :
MSVOA_Y
ClientSampleId :
VY0320SBS01

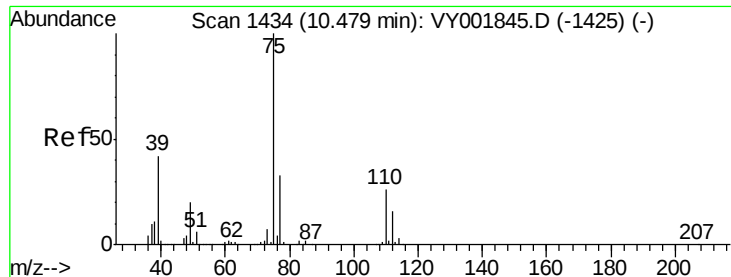
Tgt Ion: 43 Resp: 178409
Ion Ratio Lower Upper
43 100
58 39.3 32.0 48.0



#52
Toluene
Concen: 21.57 ug/l
RT: 10.25 min Scan# 1397
Delta R.T. -0.01 min
Lab File: VY002033.D
Acq: 20 Mar 2020 11:48

Tgt Ion: 92 Resp: 105933
Ion Ratio Lower Upper
92 100
91 175.2 138.6 208.0





#53

t-1,3-Dichloropropene

Concen: 22.25 ug/l

RT: 10.47 min Scan# 1433

Delta R.T. -0.01 min

Lab File: VY002033.D

Acq: 20 Mar 2020 11:48

Instrument :

MSVOA_Y

ClientSampleId :

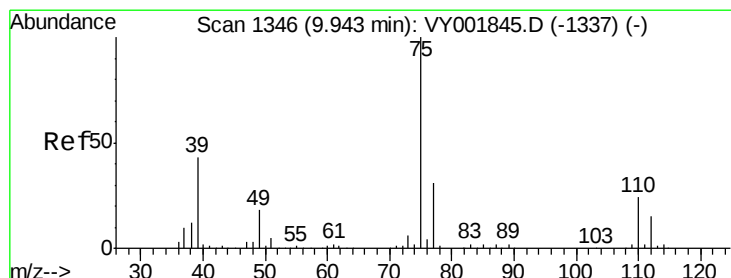
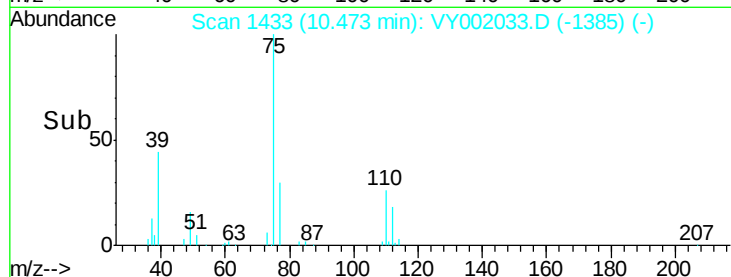
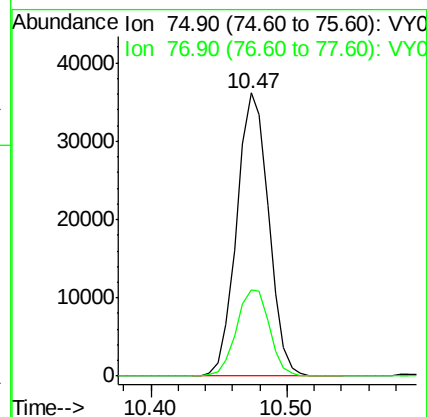
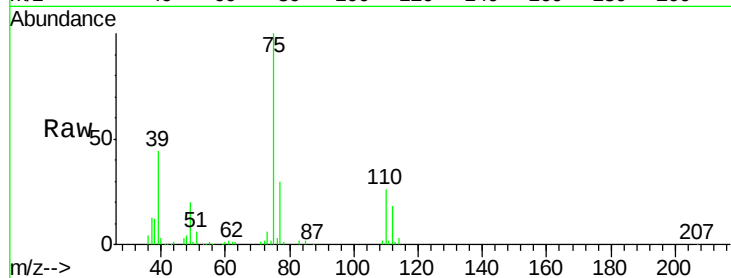
VY0320SBS01

Tgt Ion: 75 Resp: 59058

Ion Ratio Lower Upper

75 100

77 30.4 26.3 39.5



#54

cis-1,3-Dichloropropene

Concen: 22.30 ug/l

RT: 9.94 min Scan# 1345

Delta R.T. -0.01 min

Lab File: VY002033.D

Acq: 20 Mar 2020 11:48

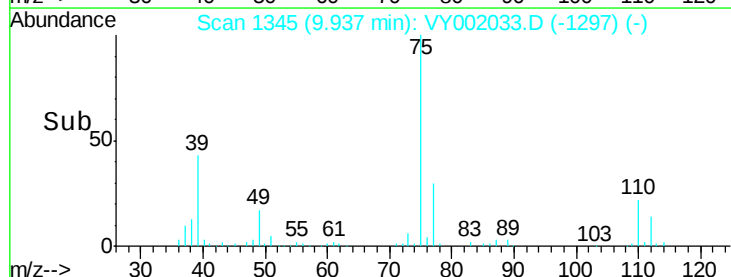
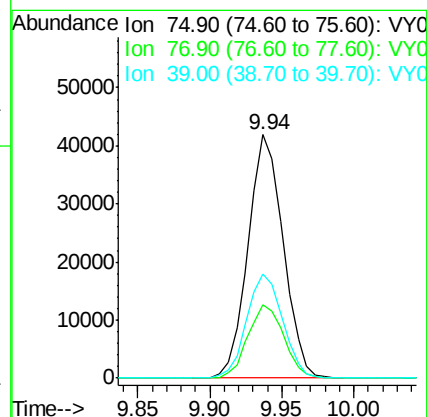
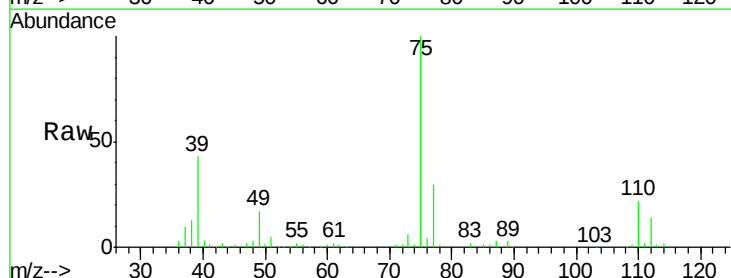
Tgt Ion: 75 Resp: 70457

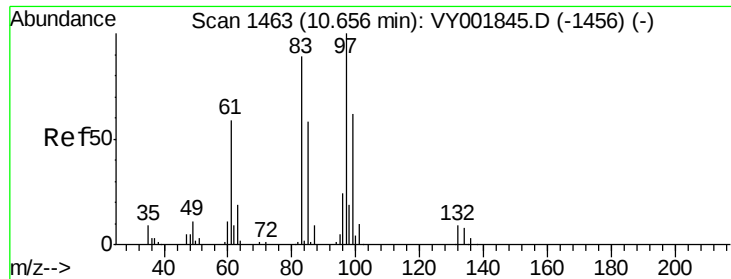
Ion Ratio Lower Upper

75 100

77 30.1 25.1 37.7

39 42.5 34.7 52.1

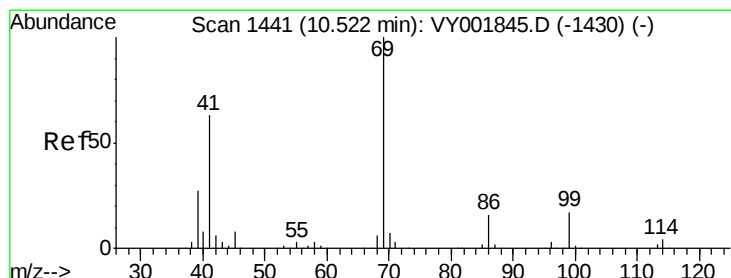
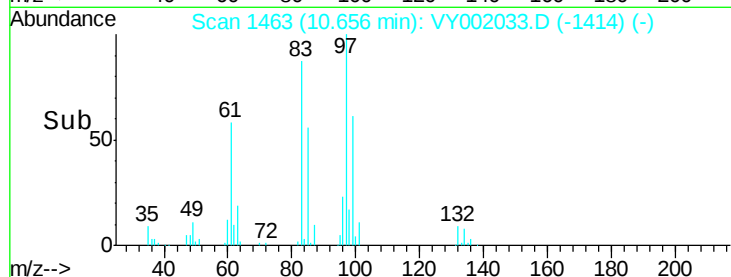
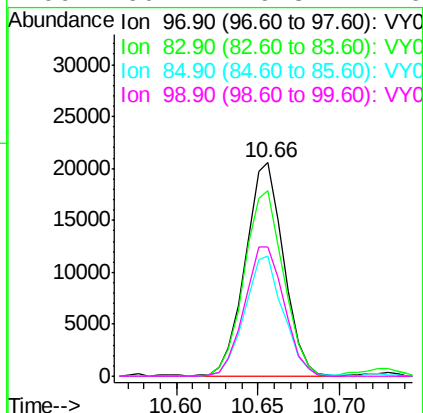
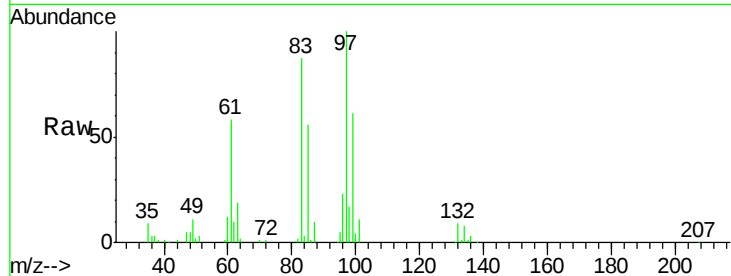




#55
 1,1,2-Trichloroethane
 Concen: 21.91 ug/l
 RT: 10.66 min Scan# 1463
 Delta R.T. 0.00 min
 Lab File: VY002033.D
 Acq: 20 Mar 2020 11:48

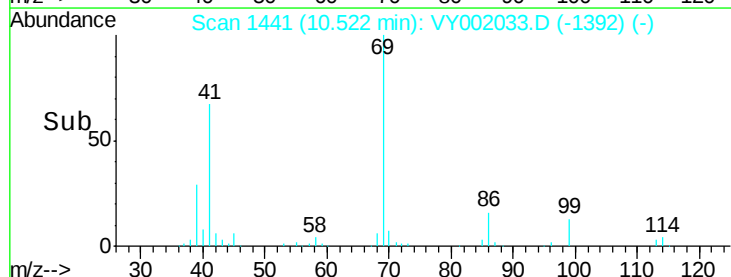
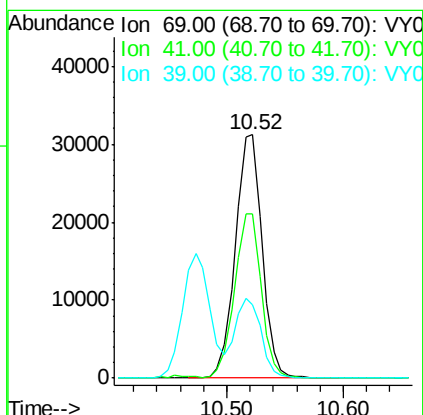
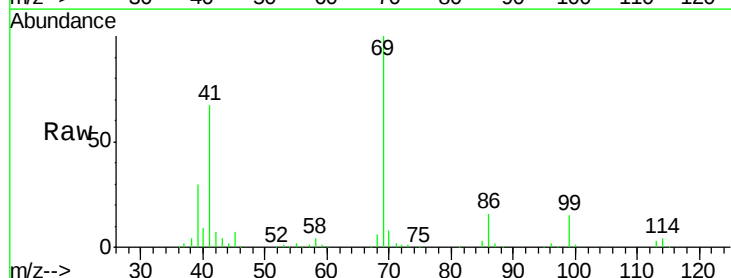
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0320SBS01

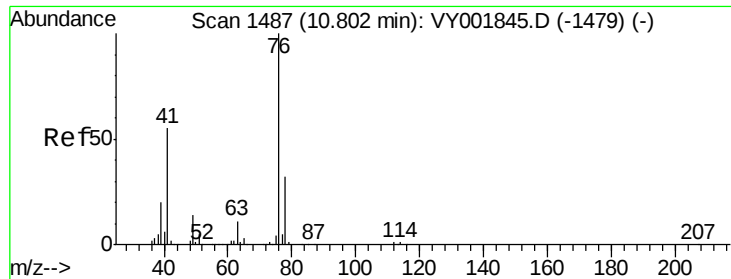
Tgt Ion: 97 Resp: 33591
 Ion Ratio Lower Upper
 97 100
 83 87.1 71.6 107.4
 85 56.1 46.6 69.8
 99 60.7 49.8 74.6



#56
 Ethyl methacrylate
 Concen: 22.28 ug/l
 RT: 10.52 min Scan# 1441
 Delta R.T. 0.00 min
 Lab File: VY002033.D
 Acq: 20 Mar 2020 11:48

Tgt Ion: 69 Resp: 50047
 Ion Ratio Lower Upper
 69 100
 41 67.9 49.9 74.9
 39 31.3 23.0 34.6

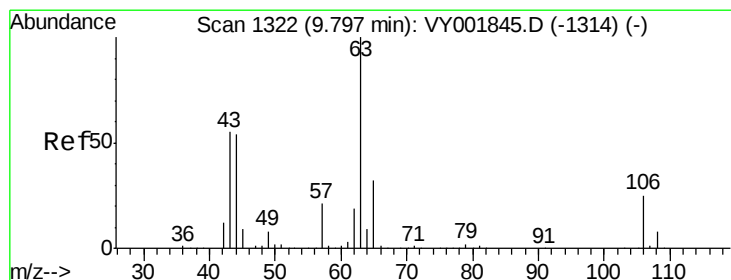
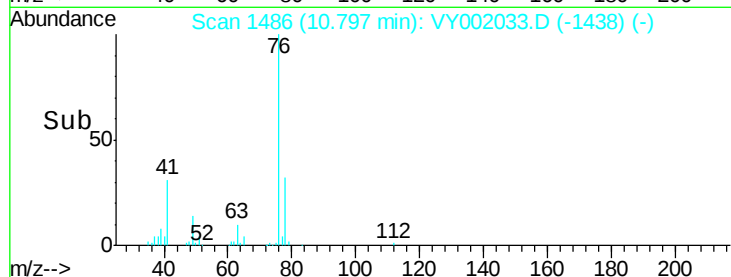
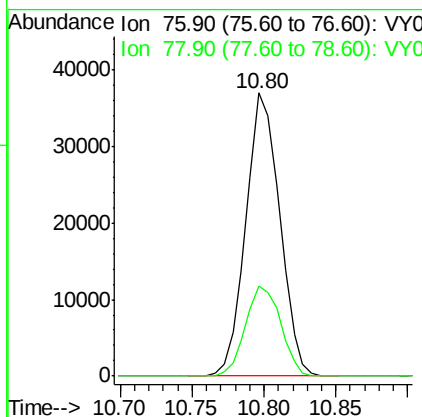
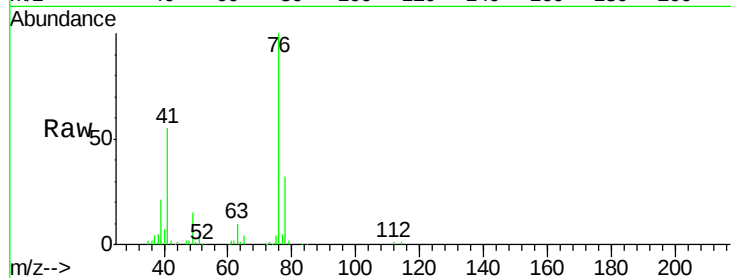




#57
 1,3-Dichloropropane
 Concen: 22.01 ug/l
 RT: 10.80 min Scan# 1486
 Delta R.T. -0.01 min
 Lab File: VY002033.D
 Acq: 20 Mar 2020 11:48

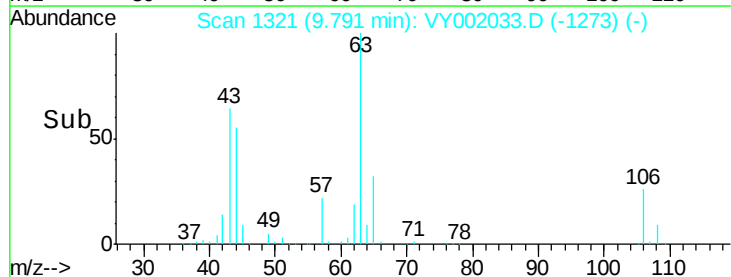
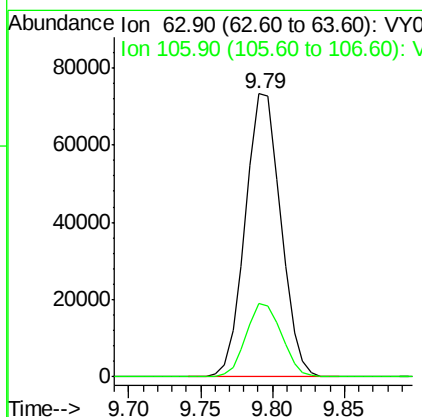
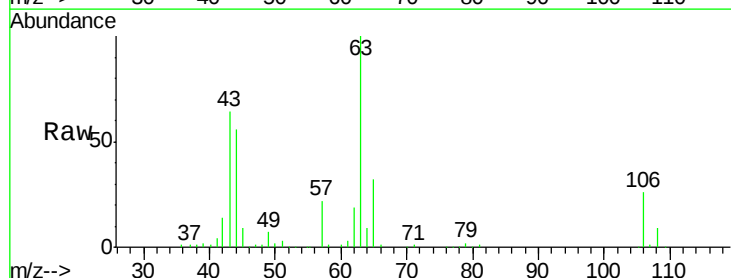
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0320SBS01

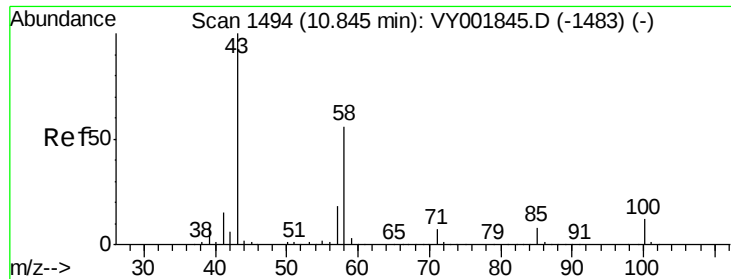
Tgt Ion: 76 Resp: 60140
 Ion Ratio Lower Upper
 76 100
 78 33.1 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 145.83 ug/l
 RT: 9.79 min Scan# 1321
 Delta R.T. -0.01 min
 Lab File: VY002033.D
 Acq: 20 Mar 2020 11:48

Tgt Ion: 63 Resp: 125054
 Ion Ratio Lower Upper
 63 100
 106 26.0 21.3 31.9





#59

2-Hexanone

Concen: 114.33 ug/l

RT: 10.84 min Scan# 1493

Delta R.T. -0.01 min

Lab File: VY002033.D

Acq: 20 Mar 2020 11:48

Instrument :

MSVOA_Y

ClientSampleId :

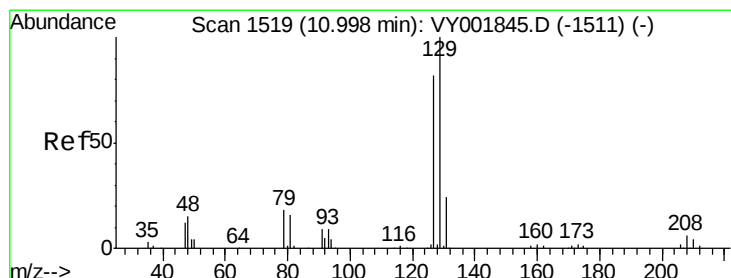
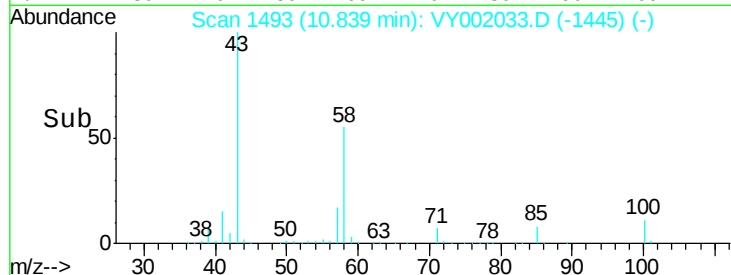
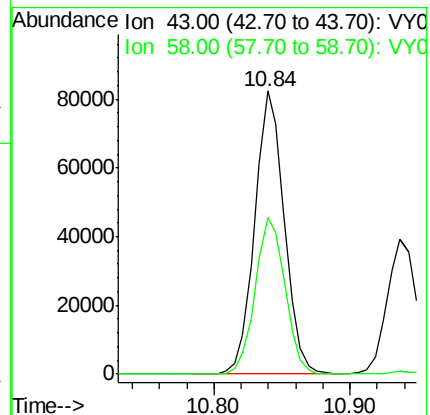
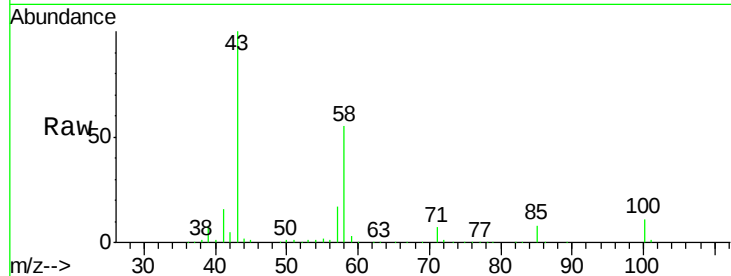
VY0320SBS01

Tgt Ion: 43 Resp: 126161

Ion Ratio Lower Upper

43 100

58 56.0 28.1 84.3



#60

Dibromochloromethane

Concen: 21.94 ug/l

RT: 10.99 min Scan# 1518

Delta R.T. -0.01 min

Lab File: VY002033.D

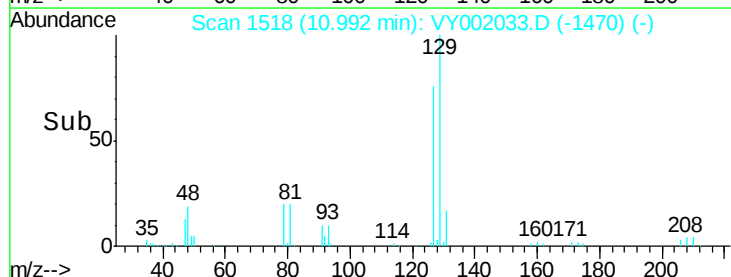
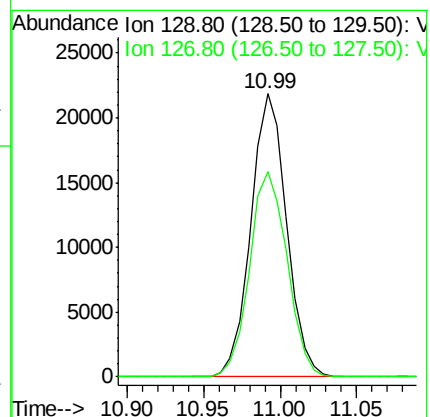
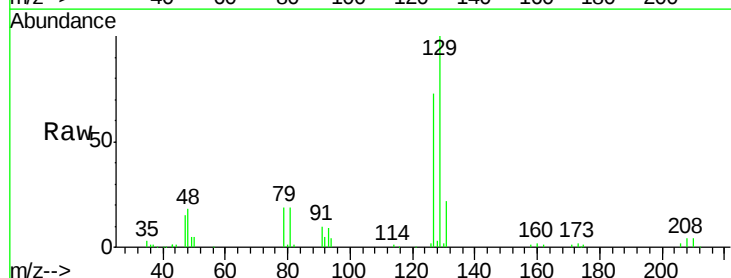
Acq: 20 Mar 2020 11:48

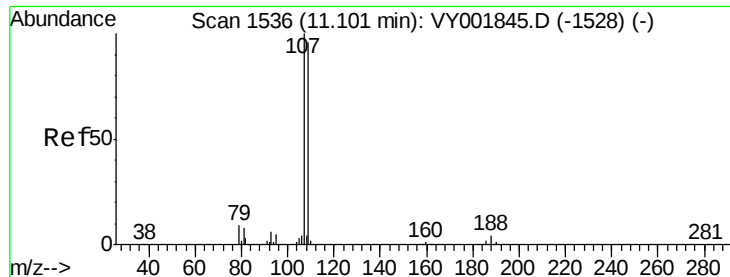
Tgt Ion: 129 Resp: 35444

Ion Ratio Lower Upper

129 100

127 76.3 39.0 117.0

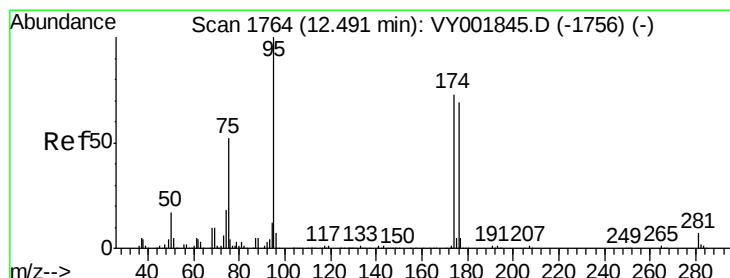
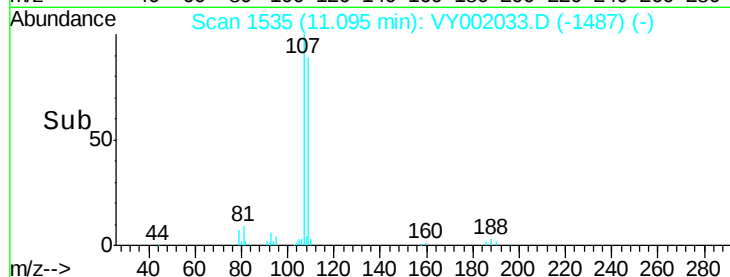
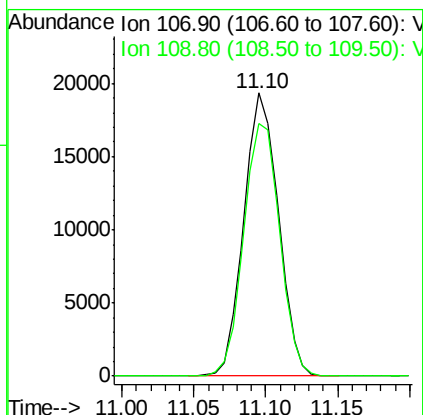
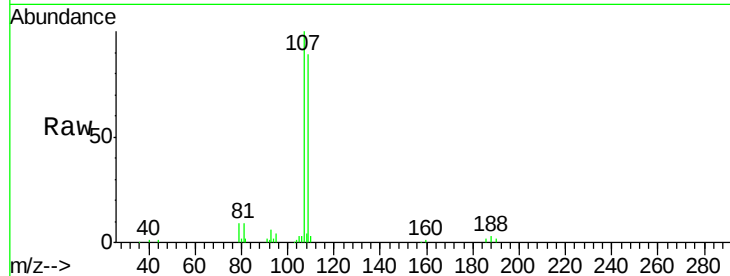




#61
 1,2-Dibromoethane
 Concen: 22.19 ug/l
 RT: 11.10 min Scan# 1535
 Delta R.T. -0.01 min
 Lab File: VY002033.D
 Acq: 20 Mar 2020 11:48

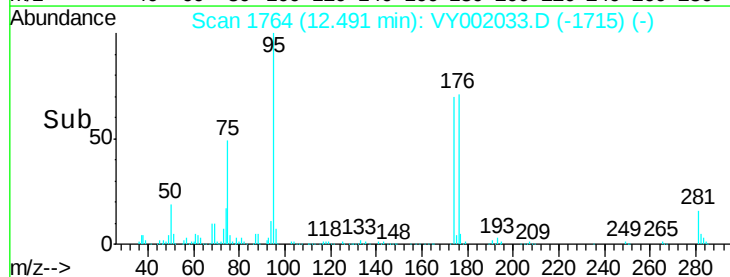
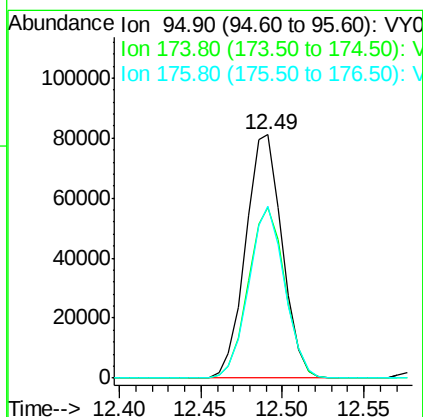
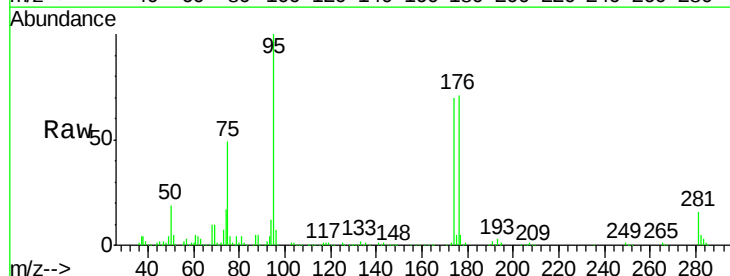
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0320SBS01

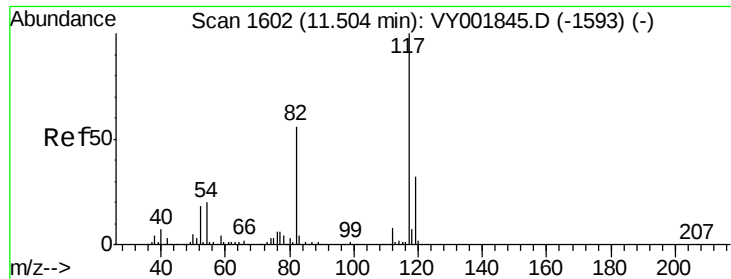
Tgt Ion: 107 Resp: 32218
 Ion Ratio Lower Upper
 107 100
 109 92.8 75.4 113.0



#62
 4-Bromofluorobenzene
 Concen: 55.70 ug/l
 RT: 12.49 min Scan# 1764
 Delta R.T. 0.00 min
 Lab File: VY002033.D
 Acq: 20 Mar 2020 11:48

Tgt Ion: 95 Resp: 126423
 Ion Ratio Lower Upper
 95 100
 174 70.3 0.0 145.0
 176 68.9 0.0 137.4

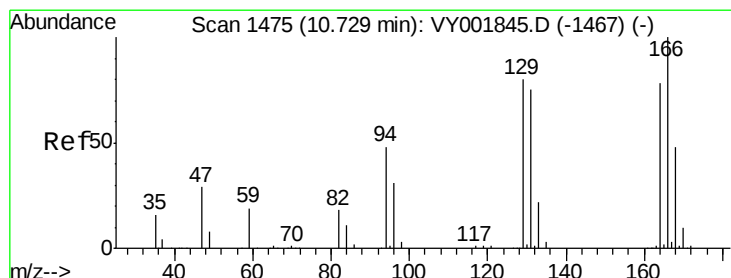
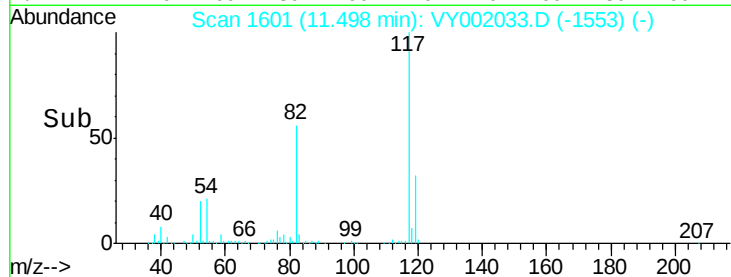
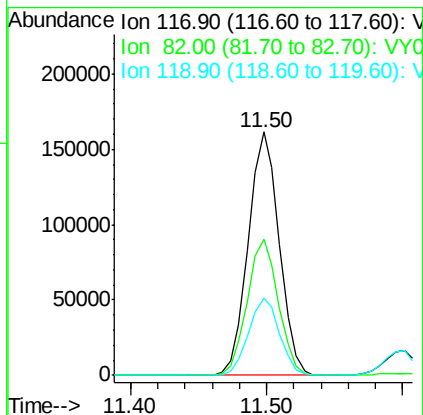
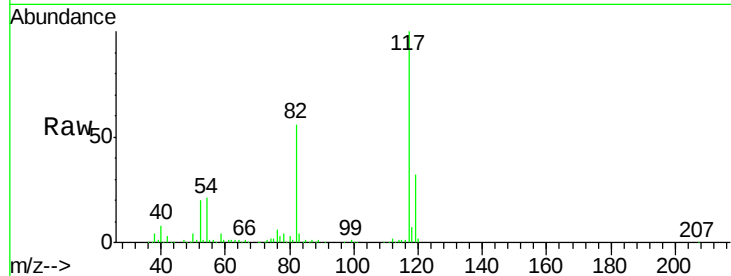




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: VY002033.D
Acq: 20 Mar 2020 11:48

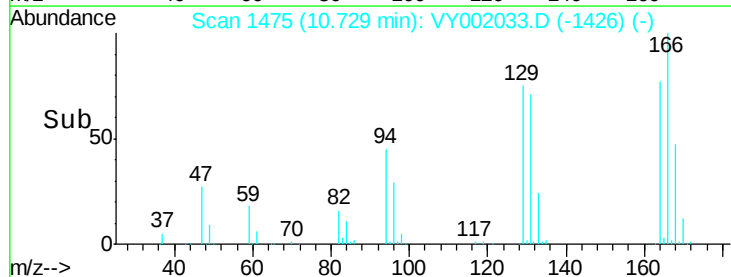
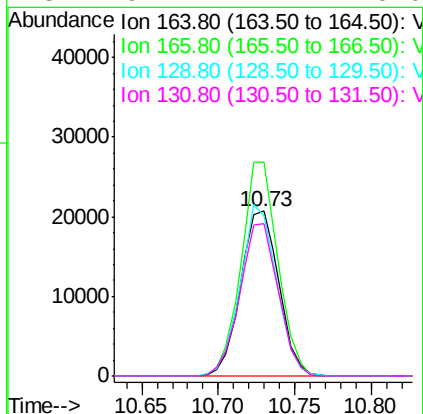
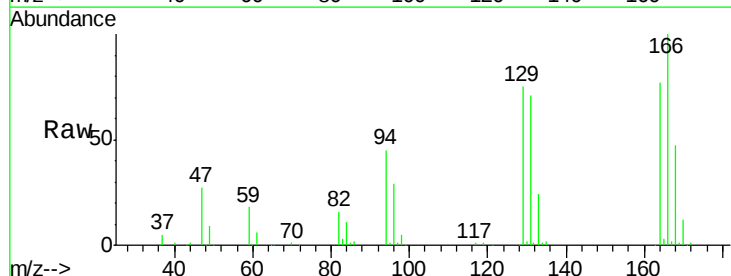
Instrument :
MSVOA_Y
ClientSampleId :
VY0320SBS01

Tgt Ion:117 Resp: 257297
Ion Ratio Lower Upper
117 100
82 55.9 44.5 66.7
119 31.9 25.7 38.5



#64
Tetrachloroethene
Concen: 22.28 ug/l
RT: 10.73 min Scan# 1475
Delta R.T. 0.00 min
Lab File: VY002033.D
Acq: 20 Mar 2020 11:48

Tgt Ion:164 Resp: 35948
Ion Ratio Lower Upper
164 100
166 129.4 102.6 154.0
129 97.0 82.3 123.5
131 92.4 77.4 116.0

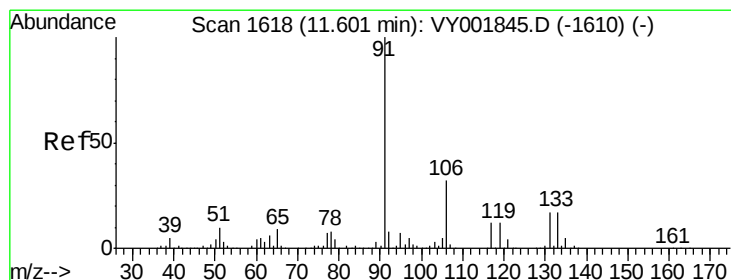
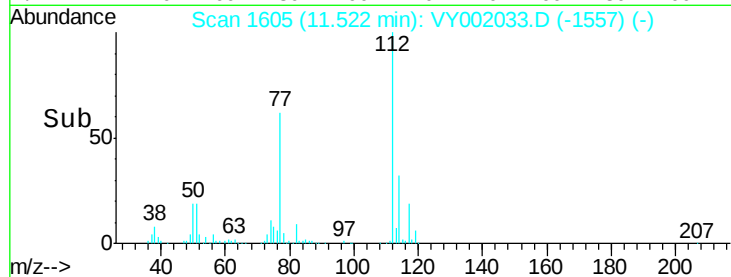
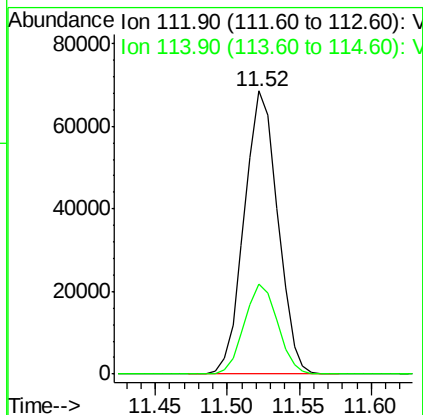
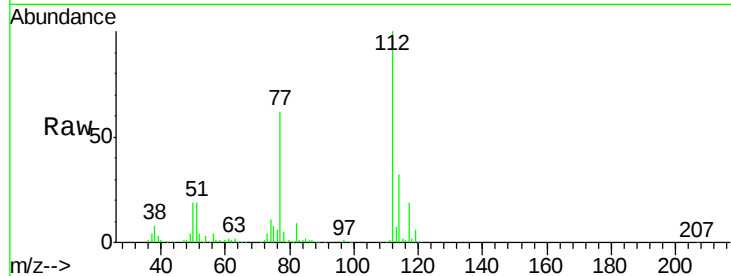




#65
Chlorobenzene
Concen: 21.49 ug/l
RT: 11.52 min Scan# 1605
Delta R.T. -0.01 min
Lab File: VY002033.D
Acq: 20 Mar 2020 11:48

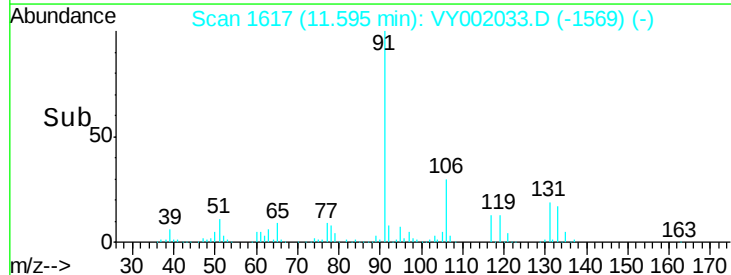
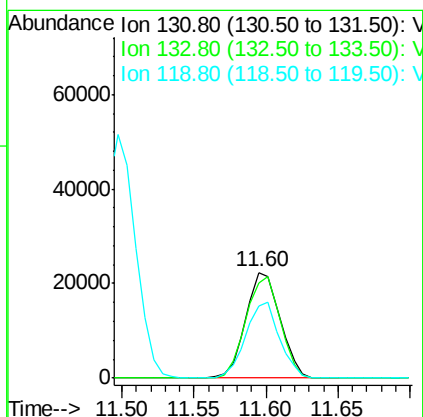
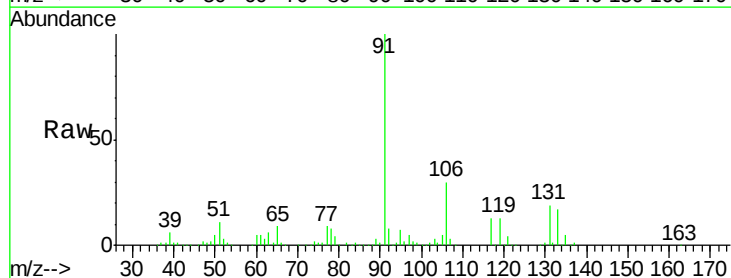
Instrument :
MSVOA_Y
ClientSampleId :
VY0320SBS01

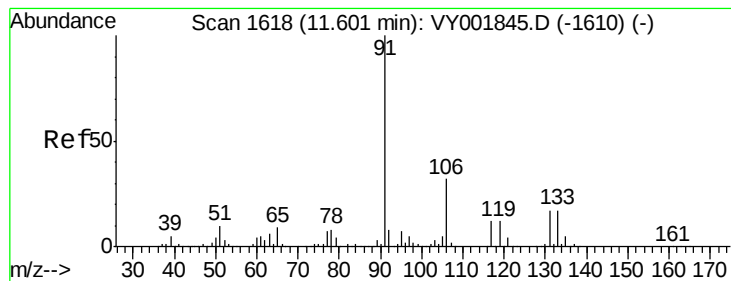
Tgt Ion:112 Resp: 110174
Ion Ratio Lower Upper
112 100
114 31.6 25.9 38.9



#66
1,1,1,2-Tetrachloroethane
Concen: 22.03 ug/l
RT: 11.60 min Scan# 1617
Delta R.T. -0.01 min
Lab File: VY002033.D
Acq: 20 Mar 2020 11:48

Tgt Ion:131 Resp: 37035
Ion Ratio Lower Upper
131 100
133 95.7 47.1 141.3
119 70.4 34.5 103.6





#67

Ethyl Benzene

Concen: 21.50 ug/l

RT: 11.60 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VY002033.D

Acq: 20 Mar 2020 11:48

Instrument :

MSVOA_Y

ClientSampleId :

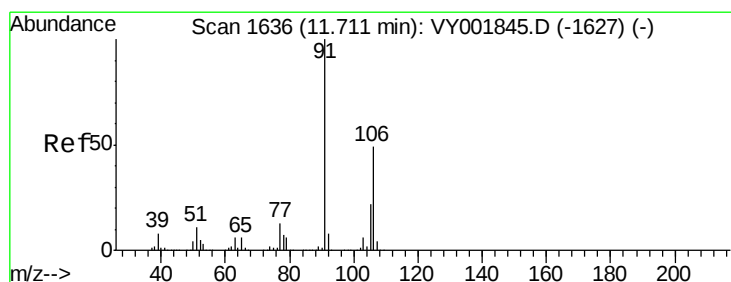
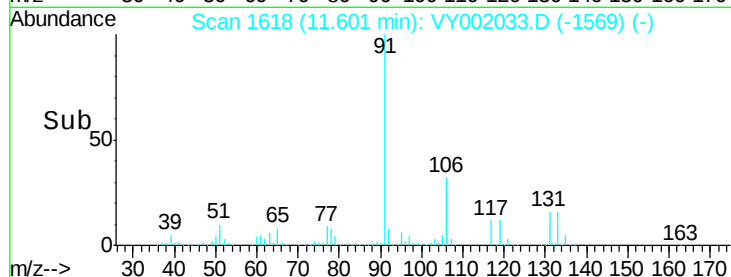
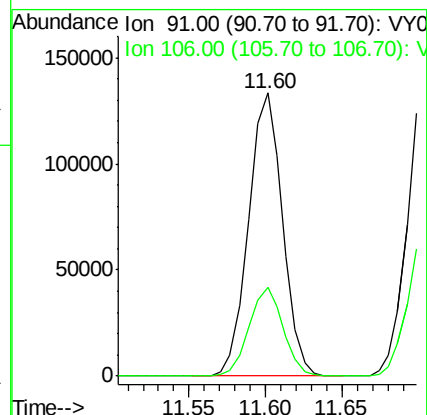
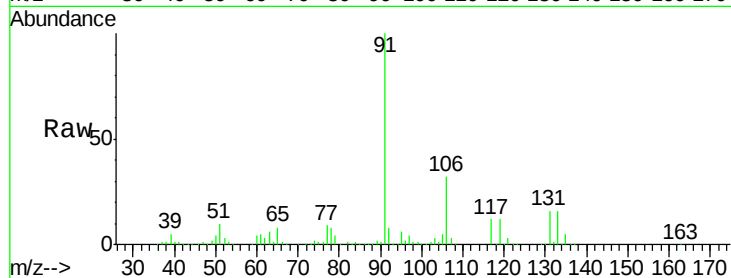
VY0320SBS01

Tgt Ion: 91 Resp: 205555

Ion Ratio Lower Upper

91 100

106 31.5 25.4 38.2



#68

m/p-Xylenes

Concen: 43.31 ug/l

RT: 11.71 min Scan# 1636

Delta R.T. 0.00 min

Lab File: VY002033.D

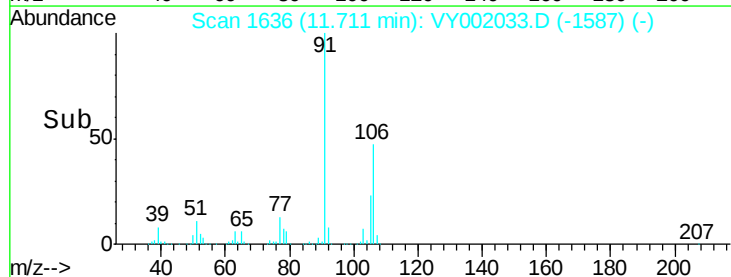
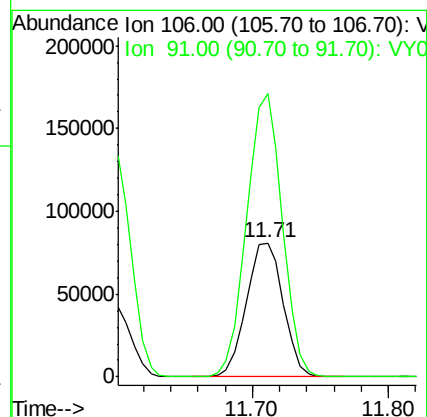
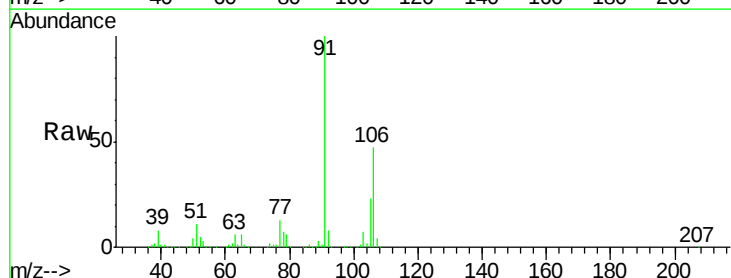
Acq: 20 Mar 2020 11:48

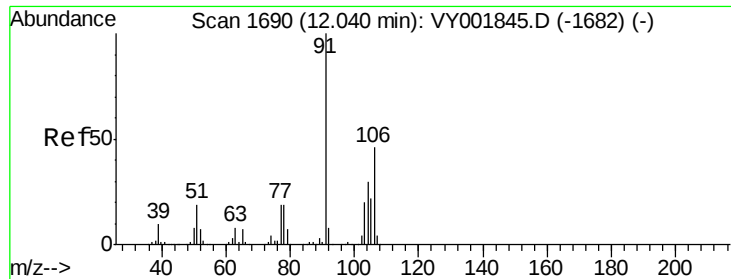
Tgt Ion: 106 Resp: 153106

Ion Ratio Lower Upper

106 100

91 204.3 161.3 241.9

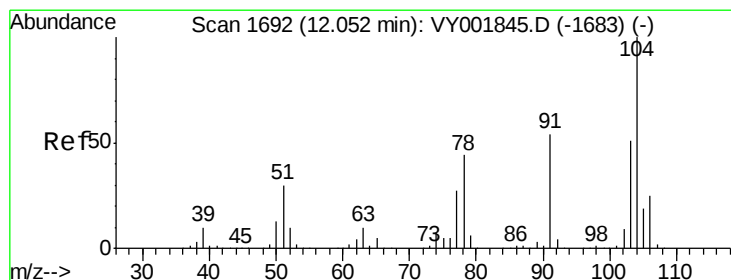
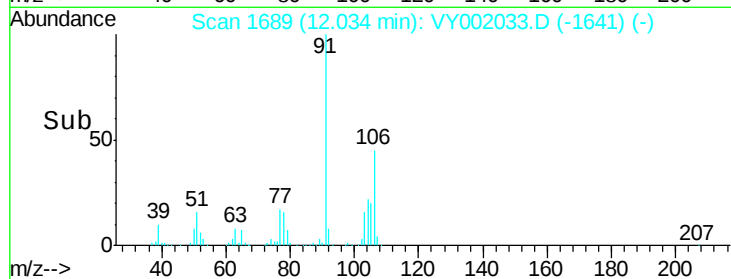
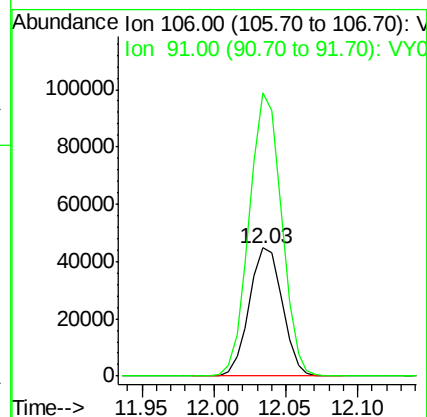
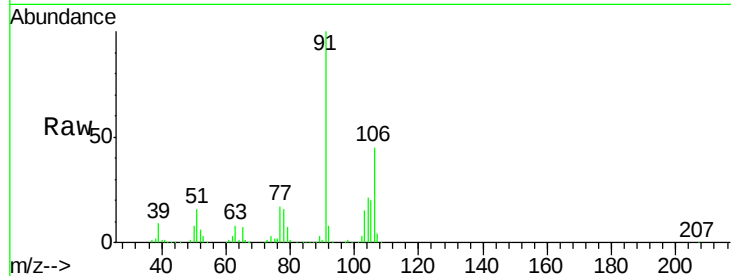




#69
o-Xylene
Concen: 21.32 ug/l
RT: 12.03 min Scan# 1689
Delta R.T. -0.01 min
Lab File: VY002033.D
Acq: 20 Mar 2020 11:48

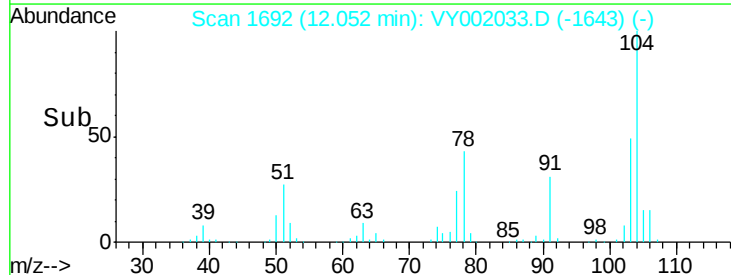
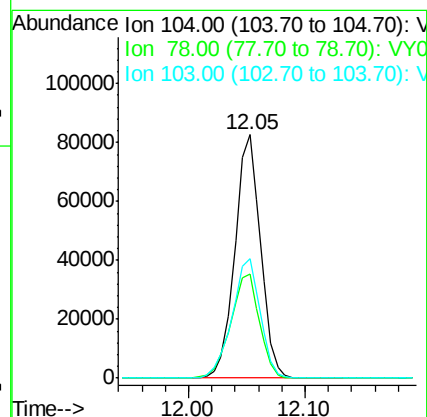
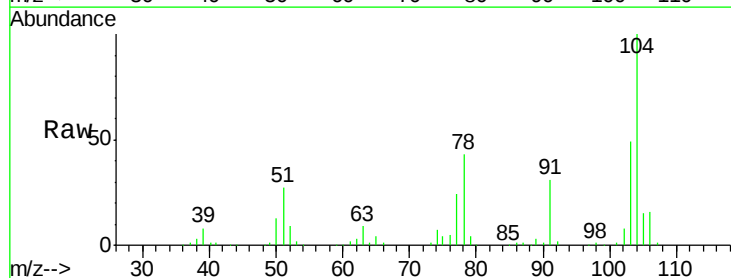
Instrument :
MSVOA_Y
ClientSampleId :
VY0320SBS01

Tgt Ion:106 Resp: 71022
Ion Ratio Lower Upper
106 100
91 216.1 106.8 320.4



#70
Styrene
Concen: 22.09 ug/l
RT: 12.05 min Scan# 1692
Delta R.T. 0.00 min
Lab File: VY002033.D
Acq: 20 Mar 2020 11:48

Tgt Ion:104 Resp: 126079
Ion Ratio Lower Upper
104 100
78 47.8 38.5 57.7
103 53.7 42.9 64.3





#71

Bromoform

Concen: 21.68 ug/l

RT: 12.22 min Scan# 1719

Delta R.T. -0.01 min

Lab File: VY002033.D

Acq: 20 Mar 2020 11:48

Instrument :

MSVOA_Y

ClientSampleId :

VY0320SBS01

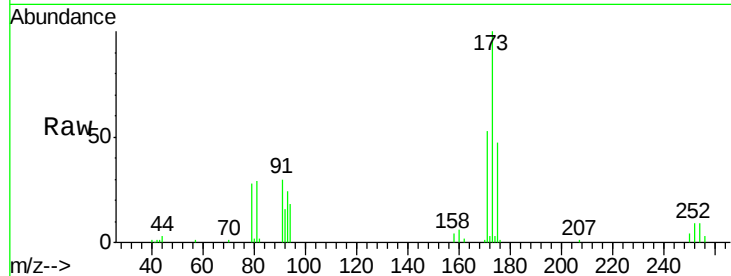
Tgt Ion:173 Resp: 19771

Ion Ratio Lower Upper

173 100

175 48.2 24.3 72.8

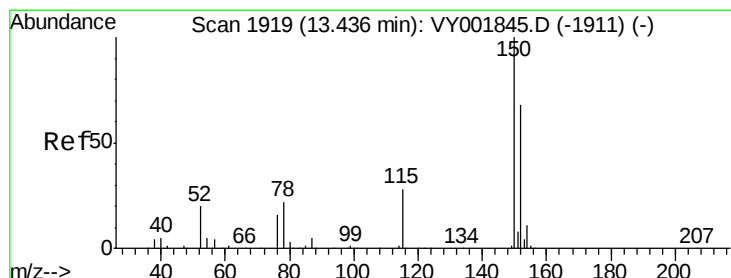
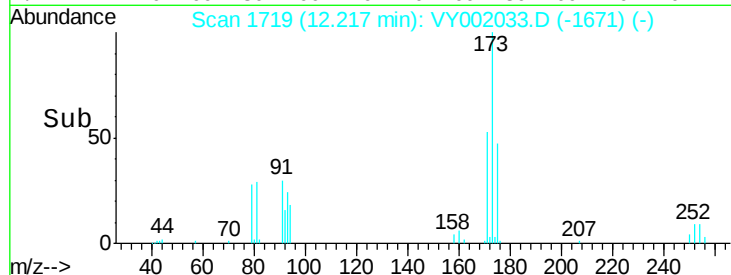
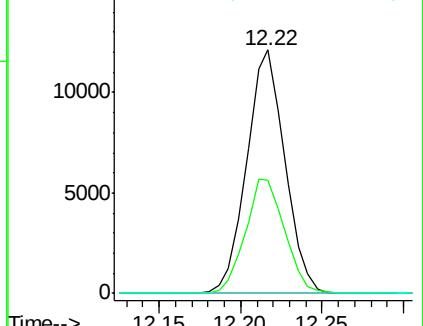
254 0.0 0.0 0.0



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: 13.44 min Scan# 1919

Delta R.T. 0.00 min

Lab File: VY002033.D

Acq: 20 Mar 2020 11:48

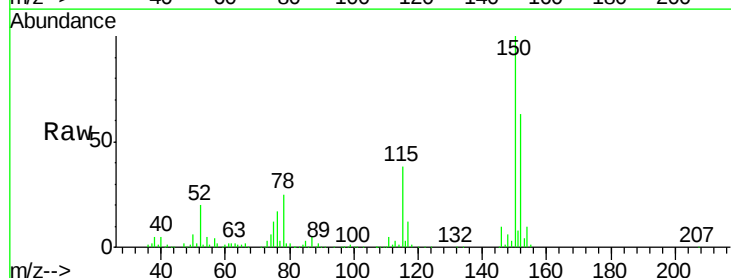
Tgt Ion:152 Resp: 121783

Ion Ratio Lower Upper

152 100

115 62.4 29.9 89.7

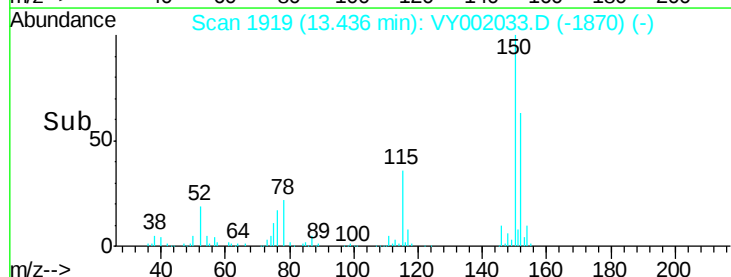
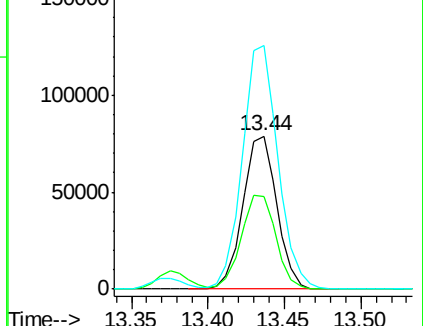
150 166.6 0.0 340.6

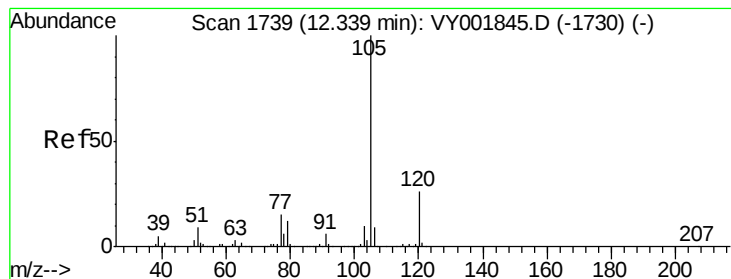


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 21.03 ug/l

RT: 12.34 min Scan# 1739

Delta R.T. 0.00 min

Lab File: VY002033.D

Acq: 20 Mar 2020 11:48

Instrument :

MSVOA_Y

ClientSampleId :

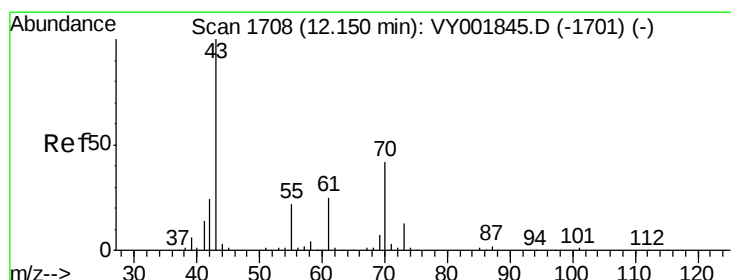
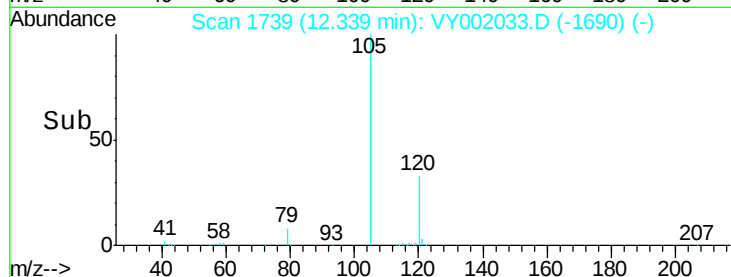
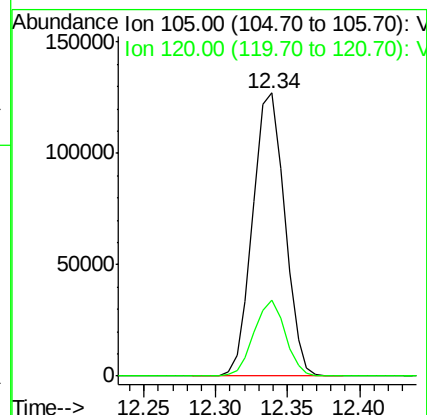
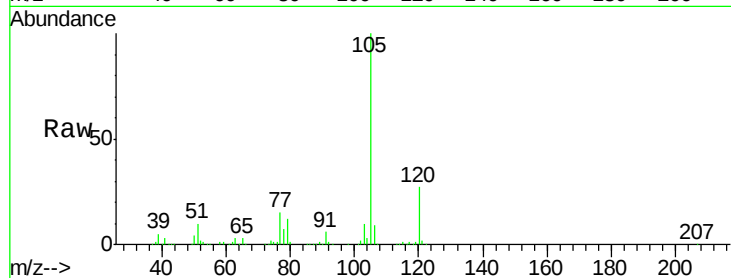
VY0320SBS01

Tgt Ion: 105 Resp: 195521

Ion Ratio Lower Upper

105 100

120 26.2 13.1 39.3



#74

N-ethyl acetate

Concen: 22.22 ug/l

RT: 12.15 min Scan# 1708

Delta R.T. 0.00 min

Lab File: VY002033.D

Acq: 20 Mar 2020 11:48

Tgt Ion: 43 Resp: 63486

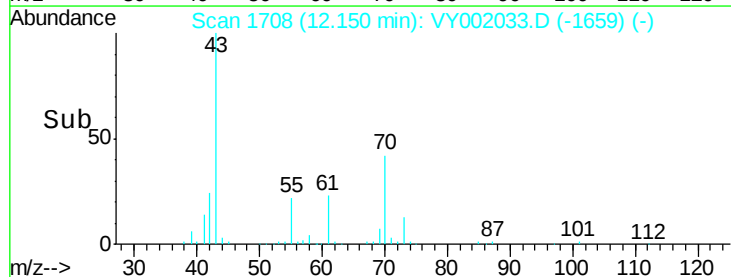
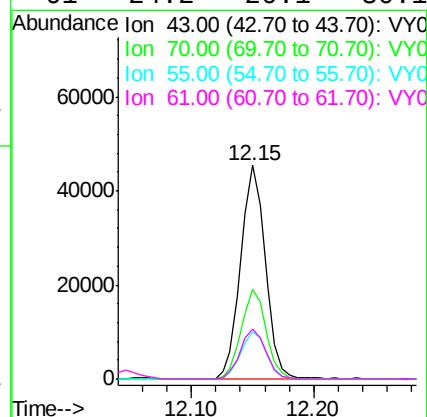
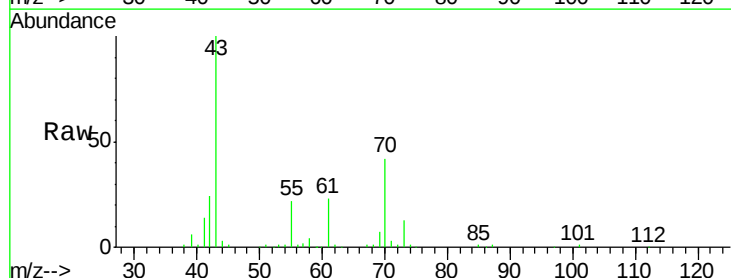
Ion Ratio Lower Upper

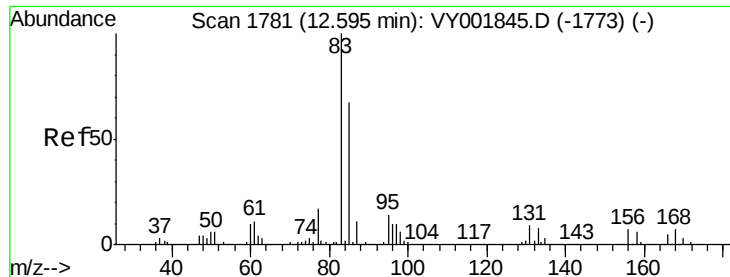
43 100

70 42.1 34.7 52.1

55 23.0 18.2 27.4

61 24.2 20.1 30.1





#75

1,1,2,2-Tetrachloroethane

Concen: 21.47 ug/l

RT: 12.59 min Scan# 1780

Delta R.T. -0.01 min

Lab File: VY002033.D

Acq: 20 Mar 2020 11:48

Instrument :

MSVOA_Y

ClientSampleId :

VY0320SBS01

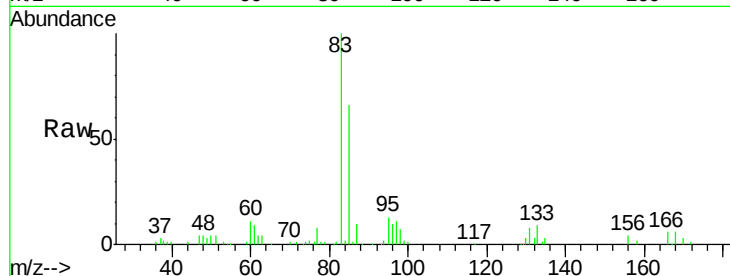
Tgt Ion: 83 Resp: 43047

Ion Ratio Lower Upper

83 100

131 9.3 4.6 13.8

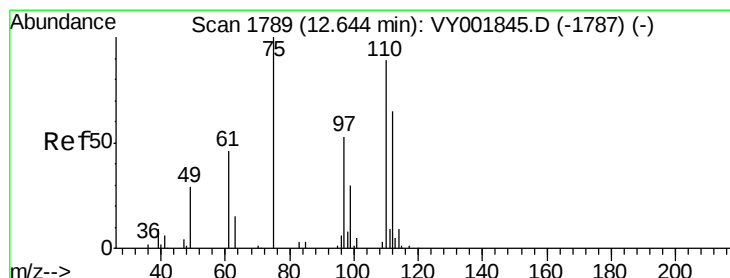
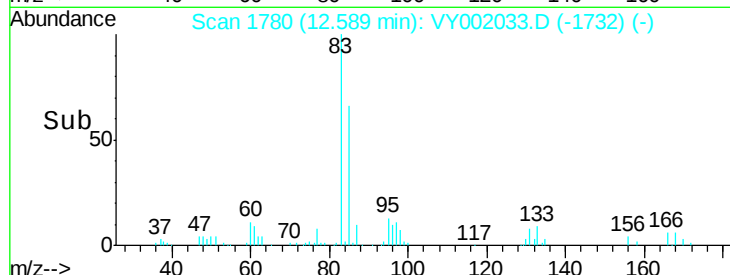
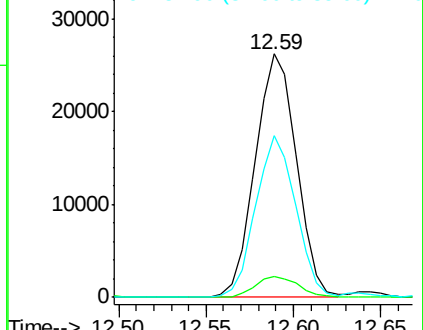
85 64.4 32.1 96.3



Abundance Ion 82.90 (82.60 to 83.60): VY0

Ion 130.80 (130.50 to 131.50): VY0

Ion 84.90 (84.60 to 85.60): VY0



#76

1,2,3-Trichloropropane

Concen: 38.64 ug/l

RT: 12.64 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VY002033.D

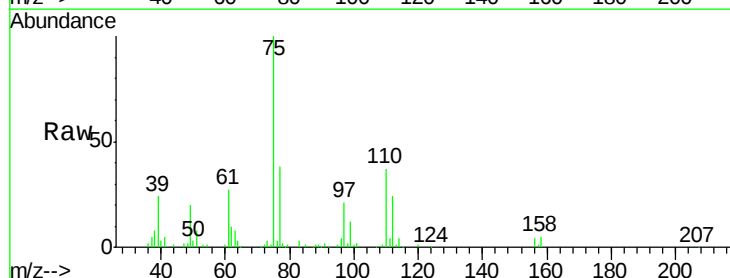
Acq: 20 Mar 2020 11:48

Tgt Ion: 75 Resp: 55840

Ion Ratio Lower Upper

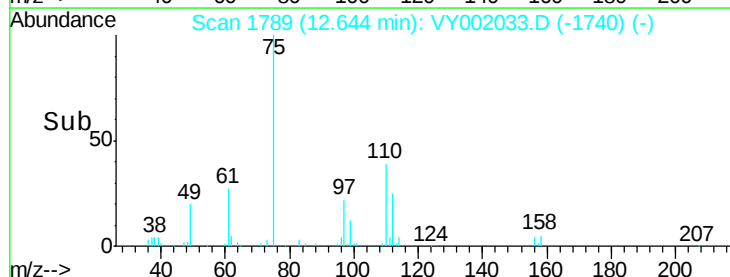
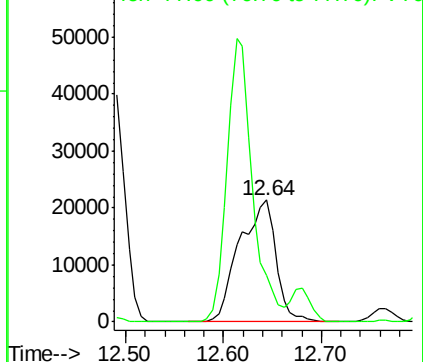
75 100

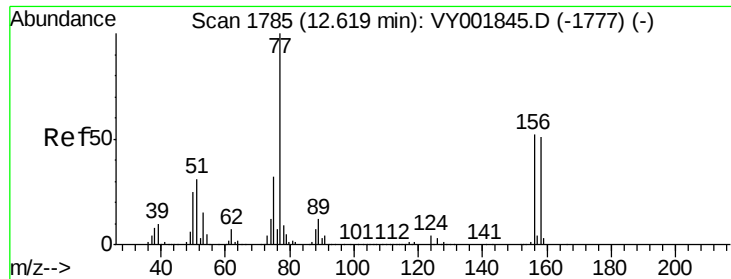
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 77.00 (76.70 to 77.70): VY0

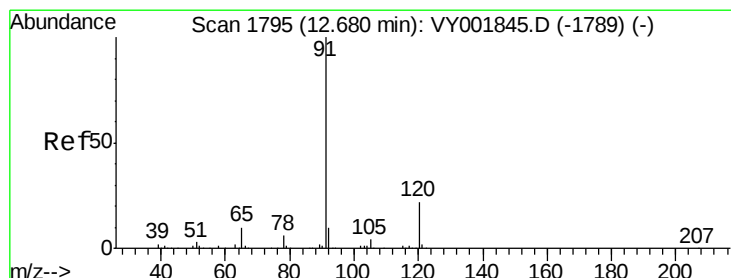
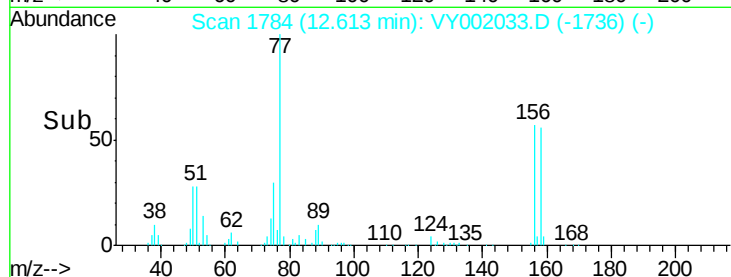
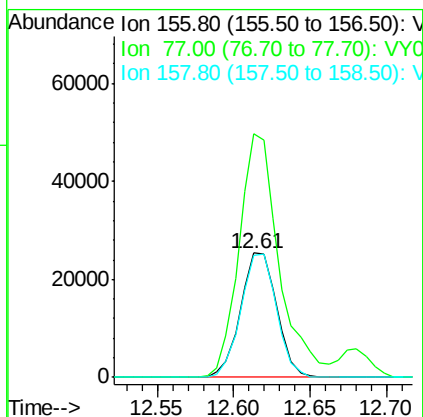
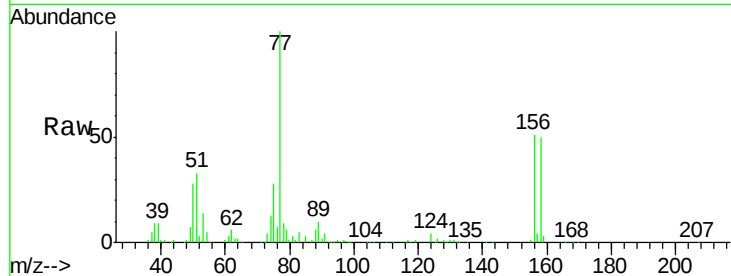




#77
Bromobenzene
Concen: 21.29 ug/l
RT: 12.61 min Scan# 1784
Delta R.T. -0.01 min
Lab File: VY002033.D
Acq: 20 Mar 2020 11:48

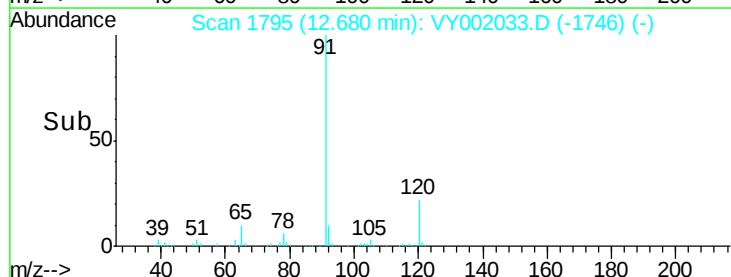
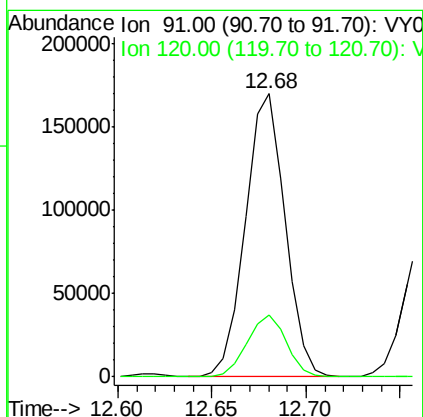
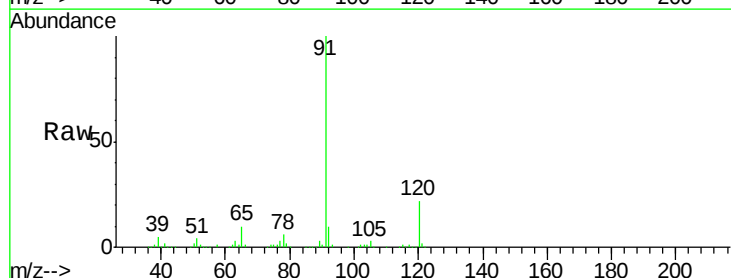
Instrument :
MSVOA_Y
ClientSampleId :
VY0320SBS01

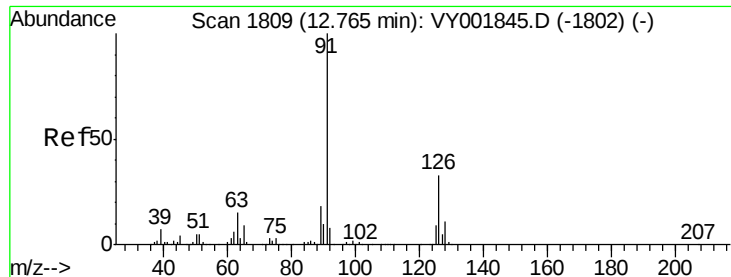
Tgt Ion:156 Resp: 41939
Ion Ratio Lower Upper
156 100
77 215.7 109.0 327.0
158 97.4 48.9 146.8



#78
n-propylbenzene
Concen: 21.61 ug/l
RT: 12.68 min Scan# 1795
Delta R.T. 0.00 min
Lab File: VY002033.D
Acq: 20 Mar 2020 11:48

Tgt Ion: 91 Resp: 247843
Ion Ratio Lower Upper
91 100
120 21.6 11.0 33.0





#79

2-Chlorotoluene

Concen: 21.29 ug/l

RT: 12.77 min Scan# 1809

Delta R.T. 0.00 min

Lab File: VY002033.D

Acq: 20 Mar 2020 11:48

Instrument :

MSVOA_Y

ClientSampleId :

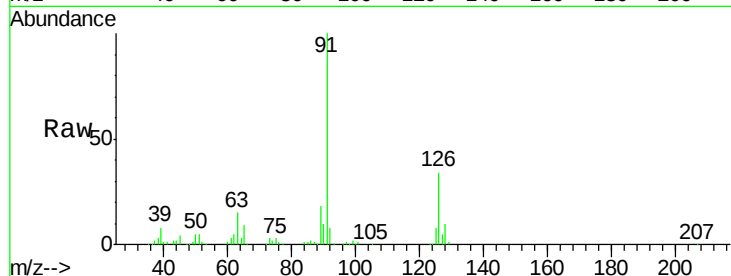
VY0320SBS01

Tgt Ion: 91 Resp: 134891

Ion Ratio Lower Upper

91 100

126 32.5 16.3 48.8



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

Ion 125.90 (125.60 to 126.60): VY001845.D (-1802) (-)

200000

150000

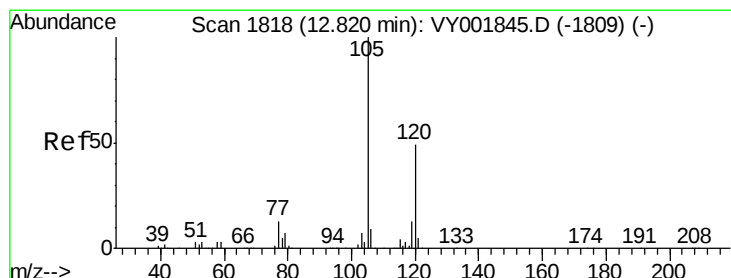
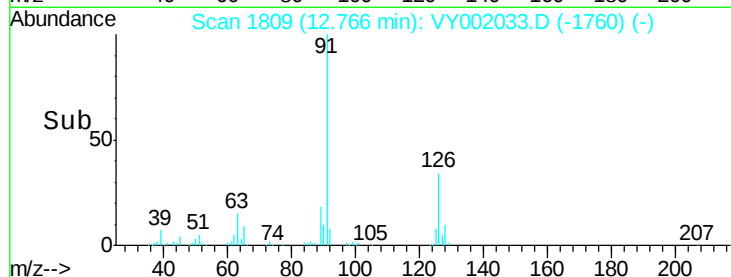
100000

50000

0

12.70 12.75 12.80

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 21.58 ug/l

RT: 12.82 min Scan# 1818

Delta R.T. 0.00 min

Lab File: VY002033.D

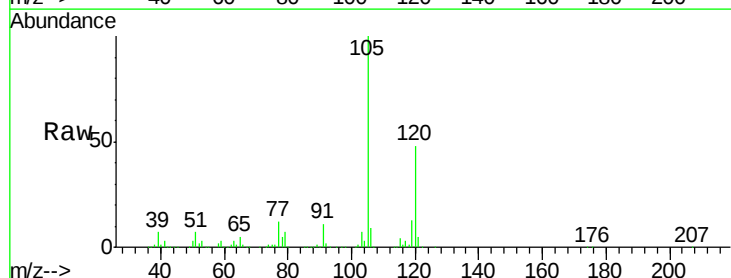
Acq: 20 Mar 2020 11:48

Tgt Ion: 105 Resp: 165136

Ion Ratio Lower Upper

105 100

120 48.2 24.4 73.2



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

Ion 120.00 (119.70 to 120.70): VY001845.D (-1809) (-)

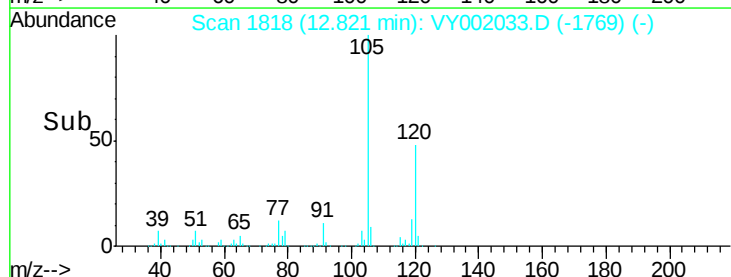
100000

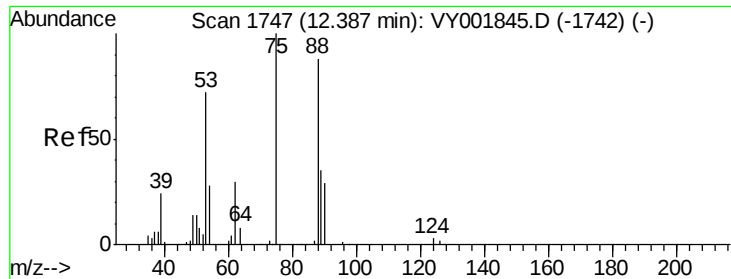
50000

0

12.75 12.80 12.85 12.90

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 21.49 ug/l

RT: 12.39 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VY002033.D

Acq: 20 Mar 2020 11:48

Instrument :

MSVOA_Y

ClientSampleId :

VY0320SBS01

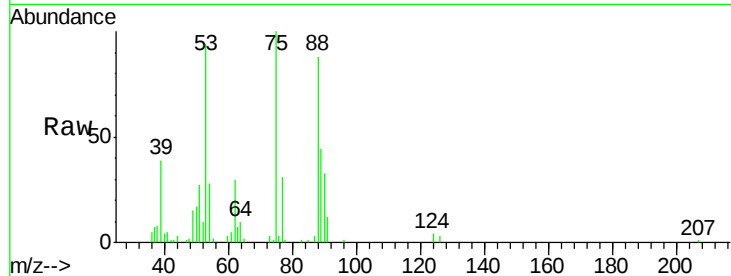
Tgt Ion: 75 Resp: 15372

Ion Ratio Lower Upper

75 100

53 88.9 65.4 98.0

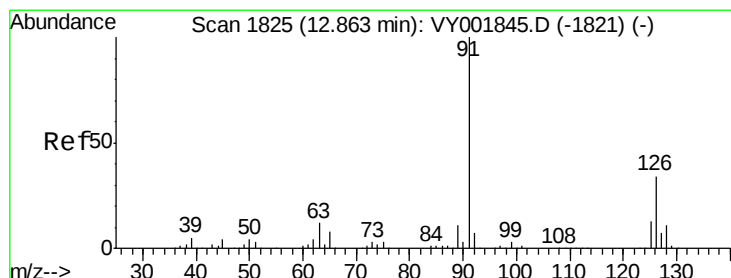
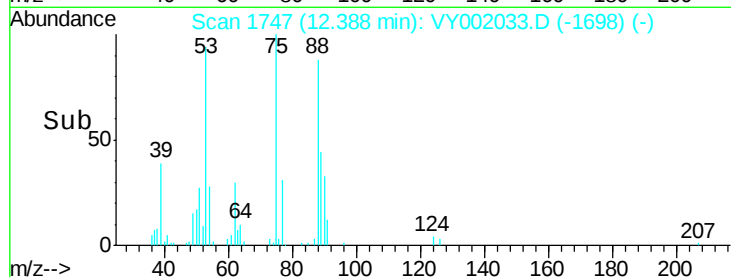
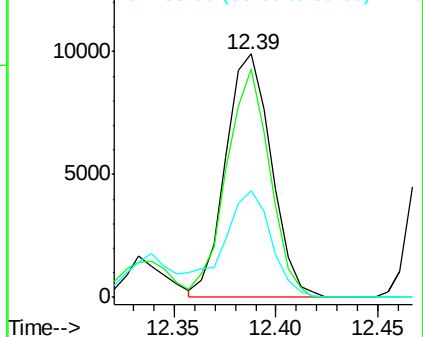
89 45.6 36.0 54.0



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: 21.66 ug/l

RT: 12.86 min Scan# 1825

Delta R.T. 0.00 min

Lab File: VY002033.D

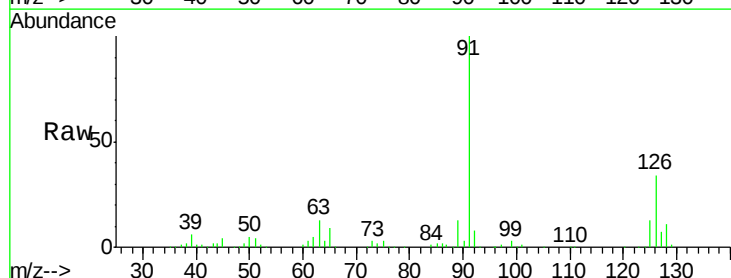
Acq: 20 Mar 2020 11:48

Tgt Ion: 91 Resp: 142929

Ion Ratio Lower Upper

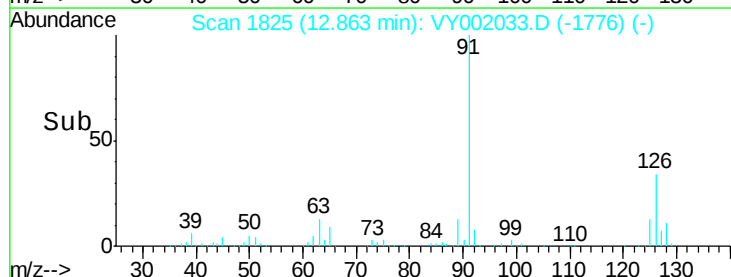
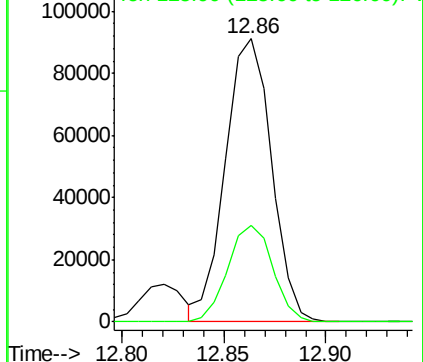
91 100

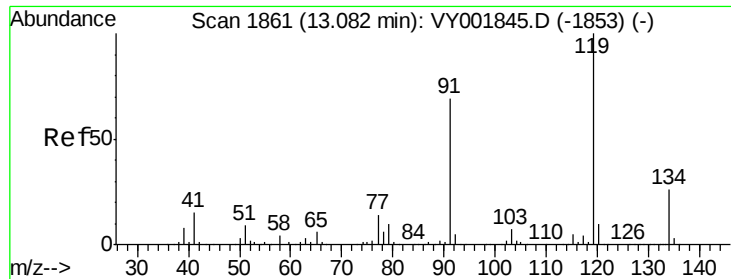
126 33.4 16.4 49.2



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V

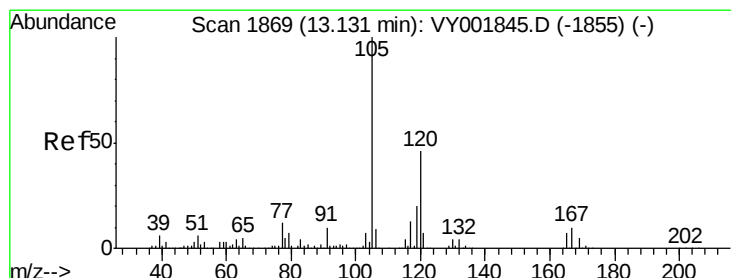
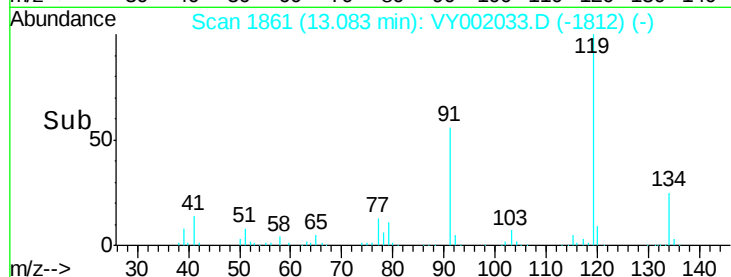
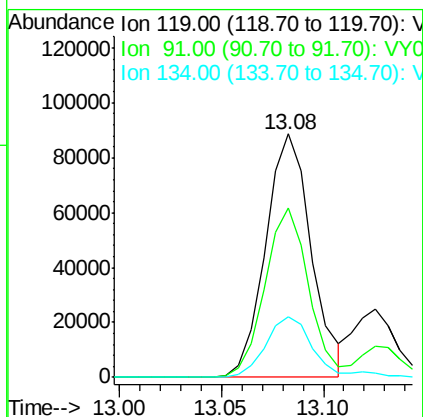
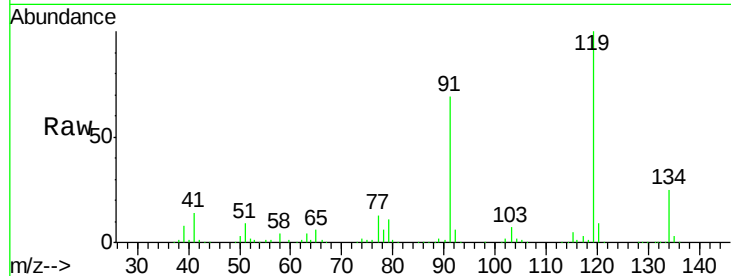




#83
 tert-Butylbenzene
 Concen: 21.75 ug/l
 RT: 13.08 min Scan# 1861
 Delta R.T. 0.00 min
 Lab File: VY002033.D
 Acq: 20 Mar 2020 11:48

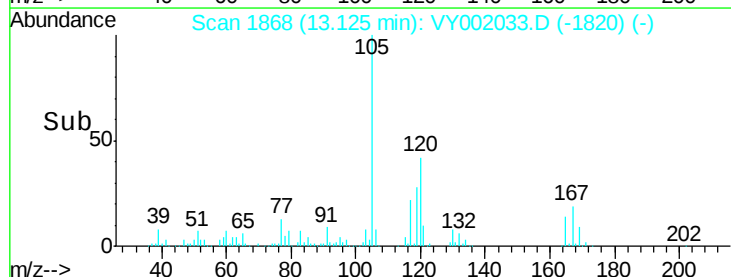
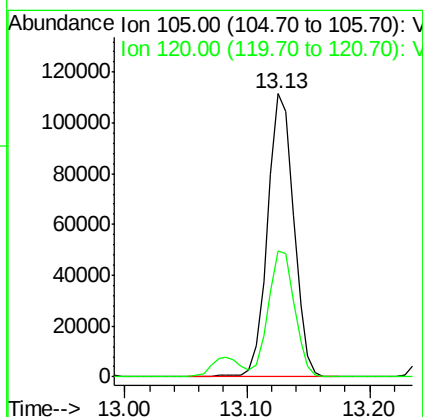
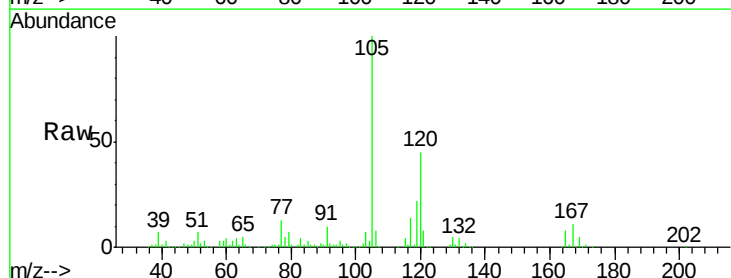
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0320SBS01

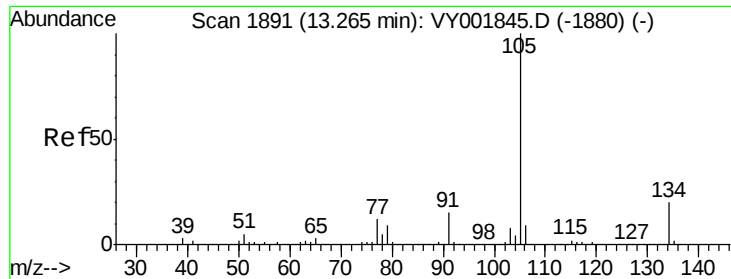
Tgt Ion:119 Resp: 138229
 Ion Ratio Lower Upper
 119 100
 91 66.3 34.0 101.8
 134 26.6 13.5 40.4



#84
 1,2,4-Trimethylbenzene
 Concen: 21.82 ug/l
 RT: 13.13 min Scan# 1868
 Delta R.T. -0.01 min
 Lab File: VY002033.D
 Acq: 20 Mar 2020 11:48

Tgt Ion:105 Resp: 165692
 Ion Ratio Lower Upper
 105 100
 120 44.6 22.6 67.7

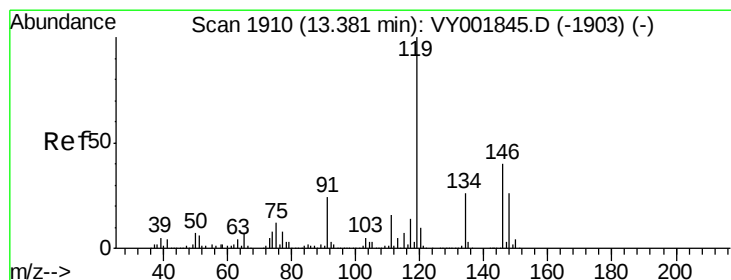
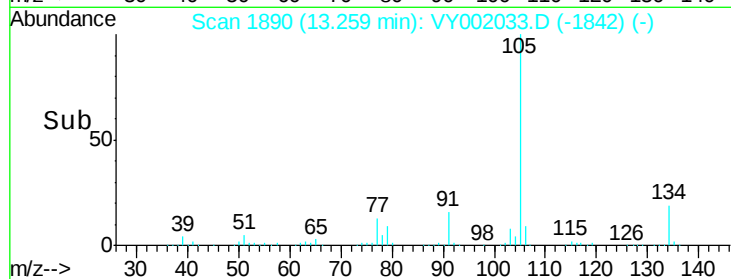
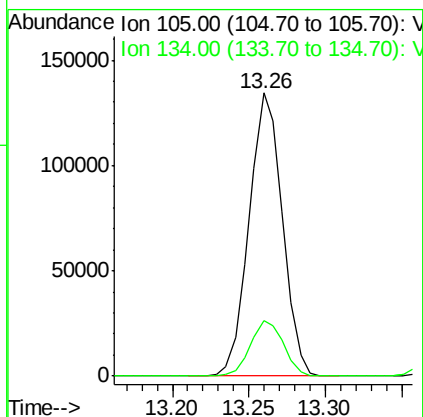
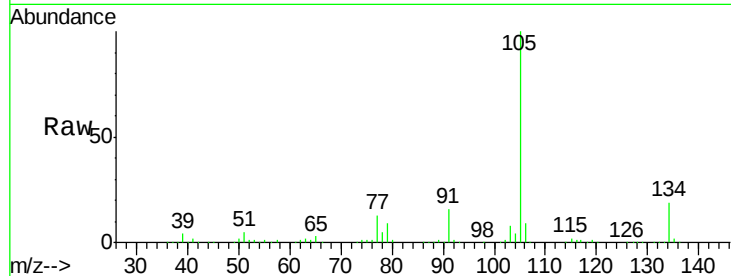




#85
 sec-Butylbenzene
 Concen: 21.75 ug/l
 RT: 13.26 min Scan# 1890
 Delta R.T. -0.01 min
 Lab File: VY002033.D
 Acq: 20 Mar 2020 11:48

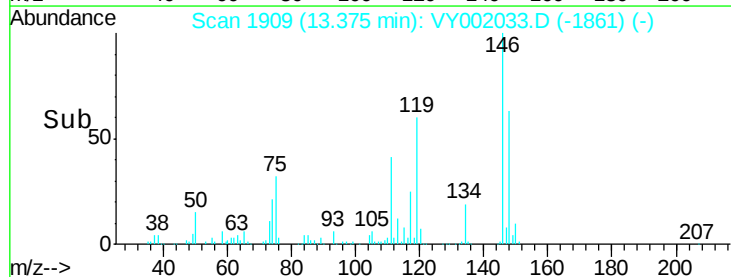
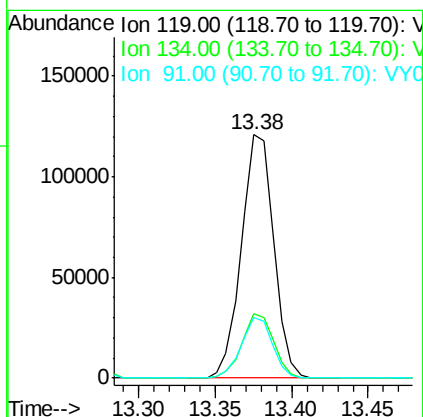
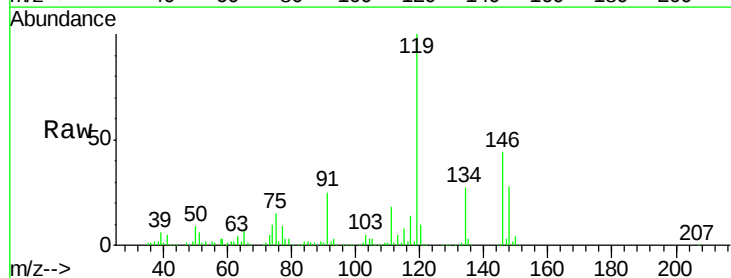
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0320SBS01

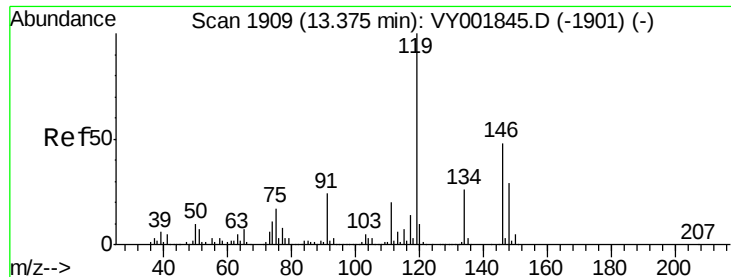
Tgt Ion:105 Resp: 203771
 Ion Ratio Lower Upper
 105 100
 134 19.5 9.7 29.1



#86
 p-Isopropyltoluene
 Concen: 21.94 ug/l
 RT: 13.38 min Scan# 1909
 Delta R.T. -0.01 min
 Lab File: VY002033.D
 Acq: 20 Mar 2020 11:48

Tgt Ion:119 Resp: 177361
 Ion Ratio Lower Upper
 119 100
 134 26.3 13.1 39.3
 91 24.0 11.9 35.7

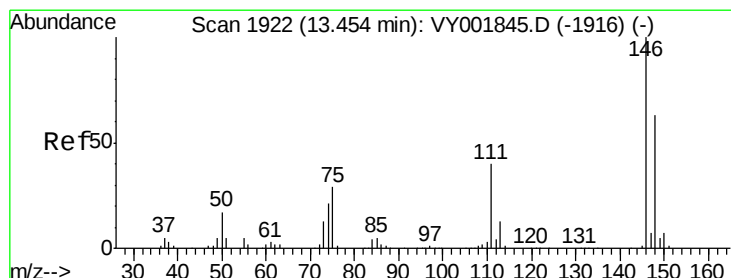
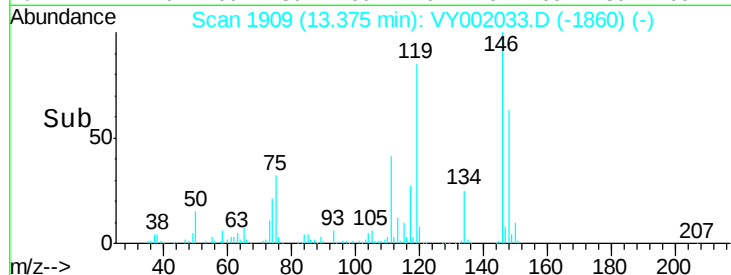
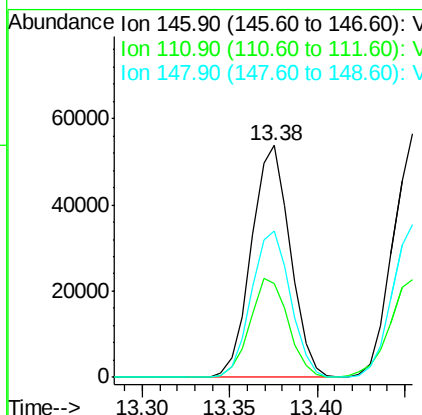
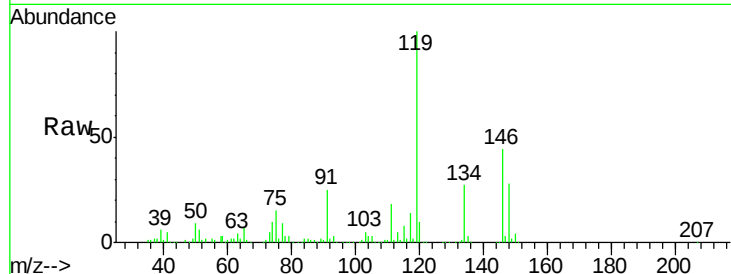




#87
 1,3-Dichlorobenzene
 Concen: 21.66 ug/l
 RT: 13.38 min Scan# 1909
 Delta R.T. 0.00 min
 Lab File: VY002033.D
 Acq: 20 Mar 2020 11:48

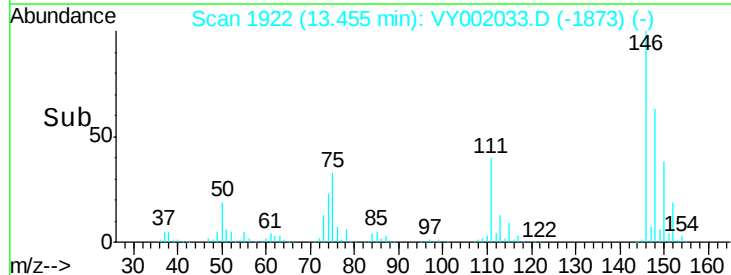
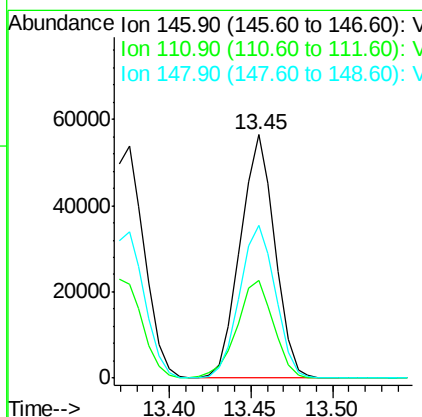
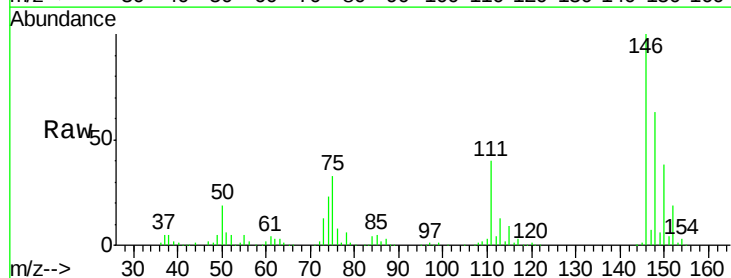
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0320SBS01

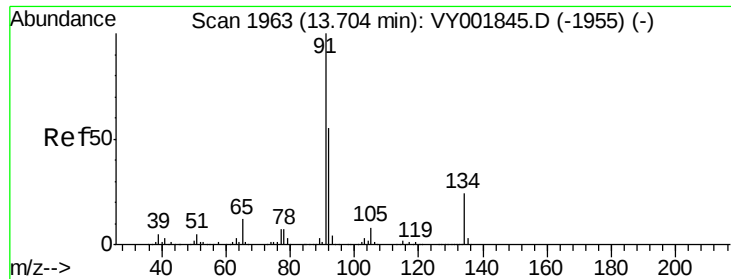
Tgt Ion:146 Resp: 83619
 Ion Ratio Lower Upper
 146 100
 111 41.9 20.8 62.5
 148 63.5 31.4 94.0



#88
 1,4-Dichlorobenzene
 Concen: 21.28 ug/l
 RT: 13.45 min Scan# 1922
 Delta R.T. 0.00 min
 Lab File: VY002033.D
 Acq: 20 Mar 2020 11:48

Tgt Ion:146 Resp: 83311
 Ion Ratio Lower Upper
 146 100
 111 42.6 20.0 60.0
 148 65.0 31.5 94.5

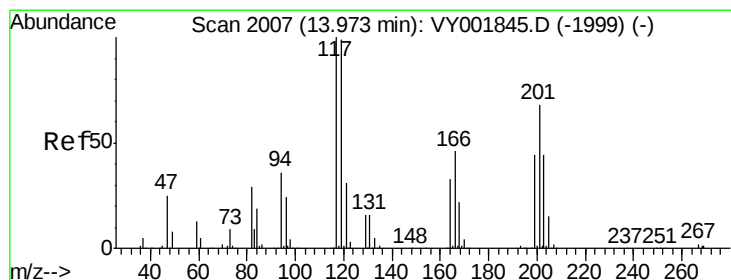
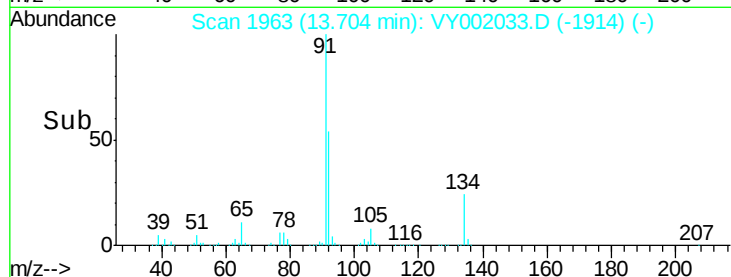
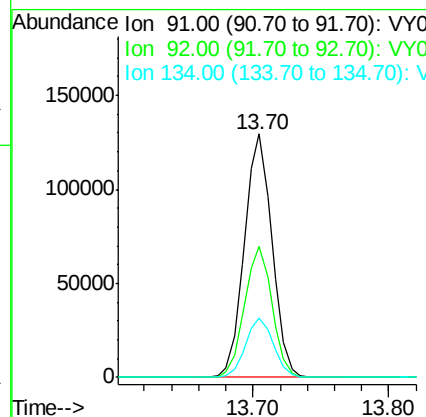
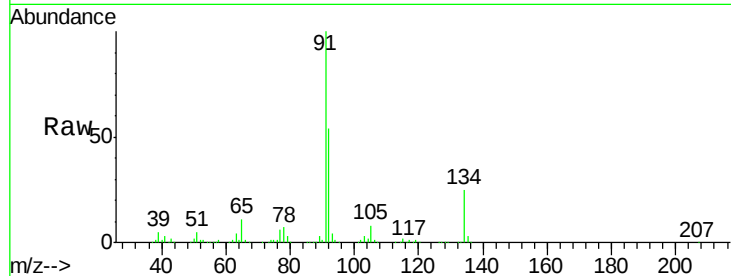




#89
n-Butylbenzene
Concen: 21.88 ug/l
RT: 13.70 min Scan# 1963
Delta R.T. 0.00 min
Lab File: VY002033.D
Acq: 20 Mar 2020 11:48

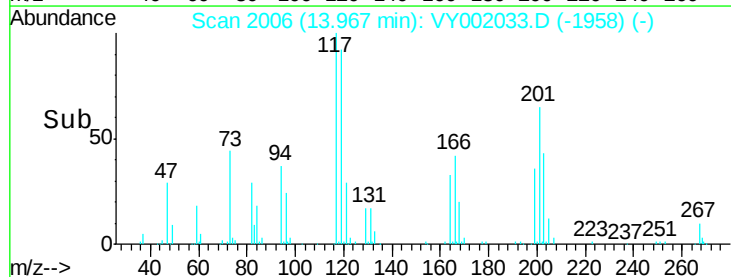
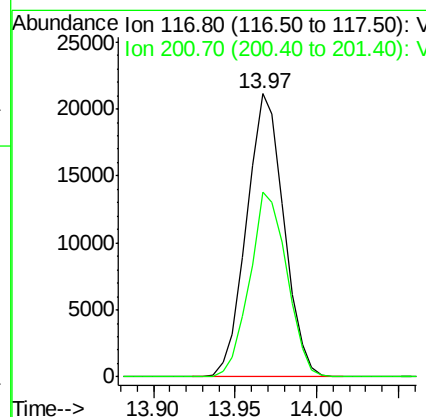
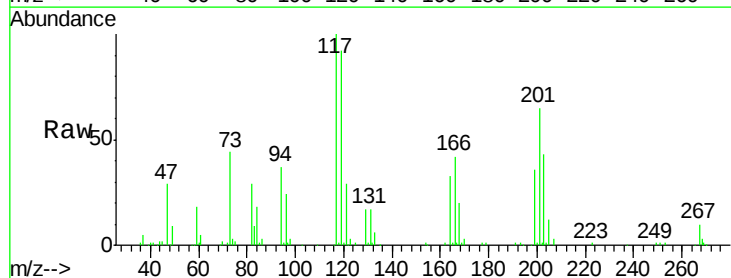
Instrument :
MSVOA_Y
ClientSampleId :
VY0320SBS01

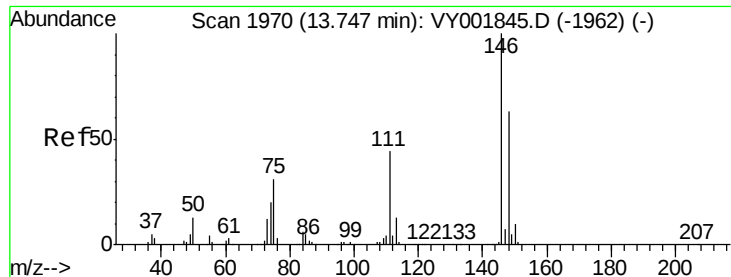
Tgt Ion: 91 Resp: 183470
Ion Ratio Lower Upper
91 100
92 53.7 27.5 82.4
134 24.6 12.5 37.5



#90
Hexachloroethane
Concen: 22.10 ug/l
RT: 13.97 min Scan# 2006
Delta R.T. -0.01 min
Lab File: VY002033.D
Acq: 20 Mar 2020 11:48

Tgt Ion: 117 Resp: 33692
Ion Ratio Lower Upper
117 100
201 65.1 32.5 97.5

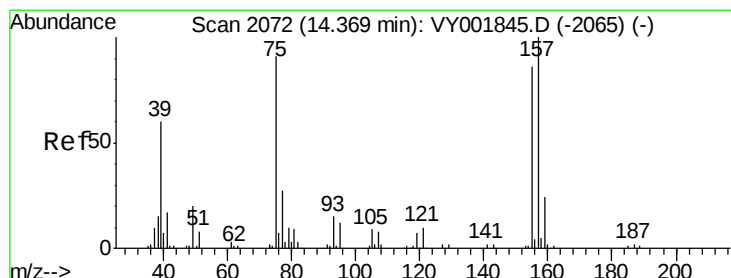
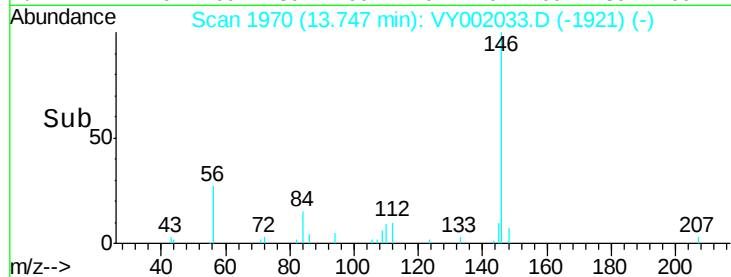
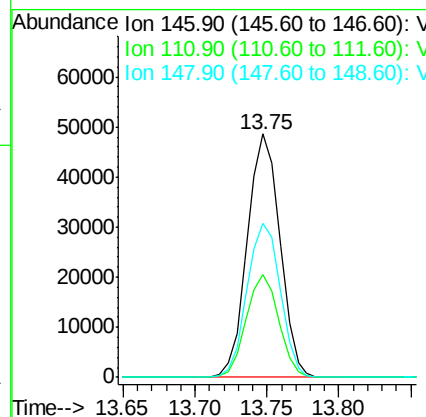
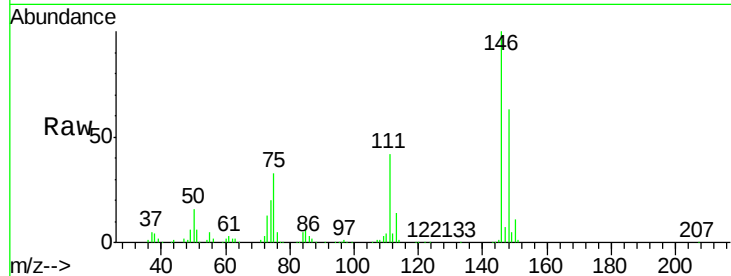




#91
 1,2-Dichlorobenzene
 Concen: 21.68 ug/l
 RT: 13.75 min Scan# 1970
 Delta R.T. 0.00 min
 Lab File: VY002033.D
 Acq: 20 Mar 2020 11:48

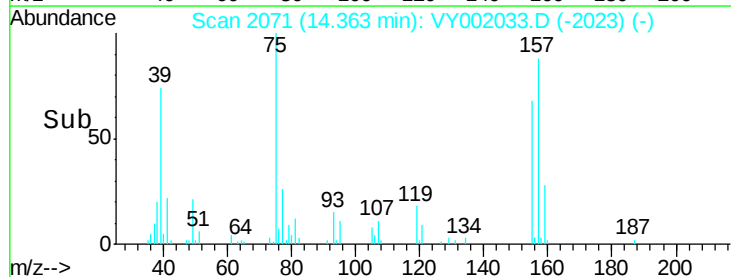
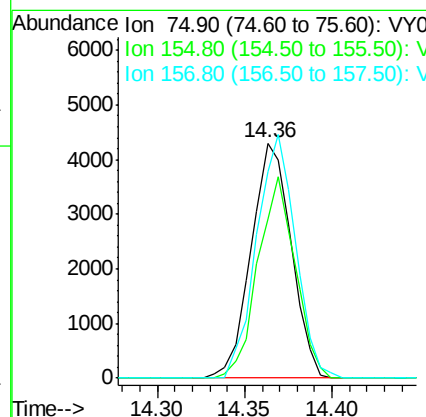
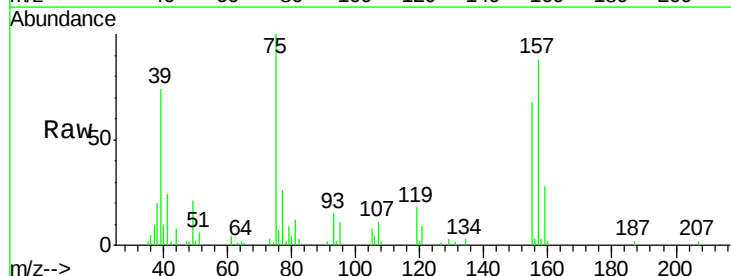
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0320SBS01

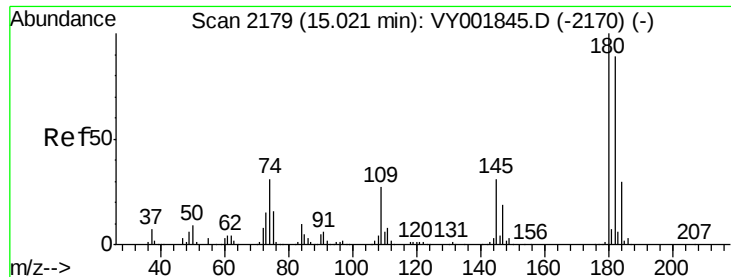
Tgt Ion: 146 Resp: 76019
 Ion Ratio Lower Upper
 146 100
 111 42.1 21.5 64.5
 148 64.5 32.0 96.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 21.92 ug/l
 RT: 14.36 min Scan# 2071
 Delta R.T. -0.01 min
 Lab File: VY002033.D
 Acq: 20 Mar 2020 11:48

Tgt Ion: 75 Resp: 6857
 Ion Ratio Lower Upper
 75 100
 155 79.8 42.9 128.7
 157 100.4 53.1 159.4

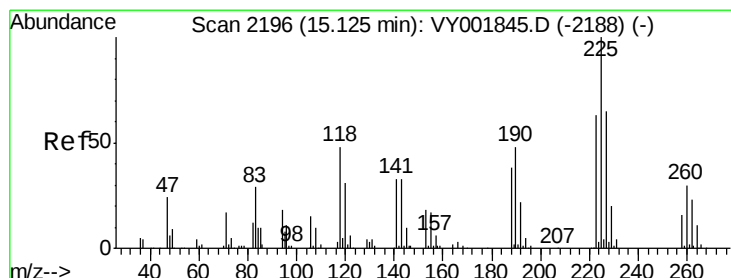
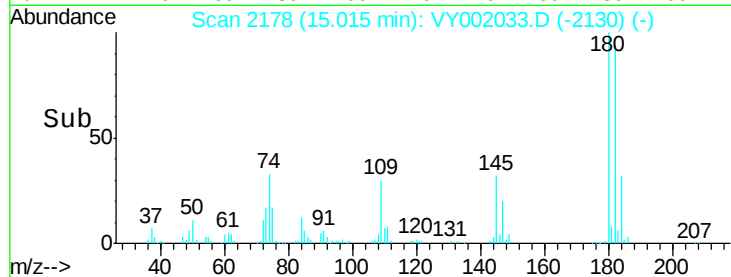
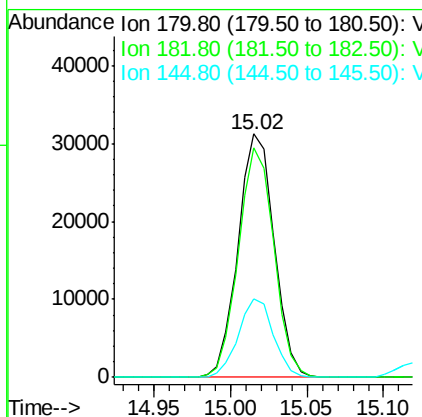
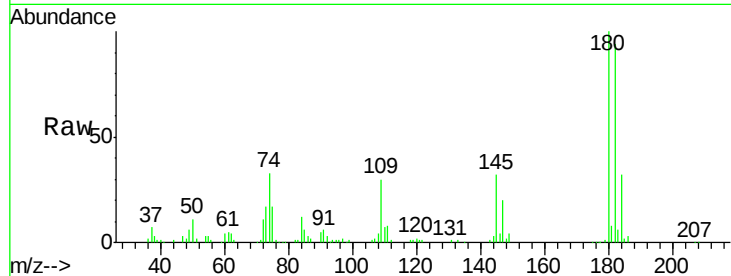




#93
 1,2,4-Trichlorobenzene
 Concen: 22.51 ug/l
 RT: 15.02 min Scan# 2178
 Delta R.T. -0.01 min
 Lab File: VY002033.D
 Acq: 20 Mar 2020 11:48

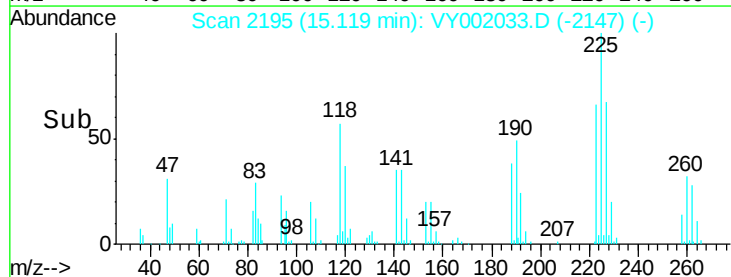
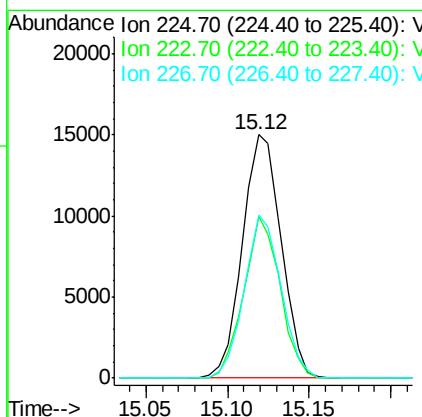
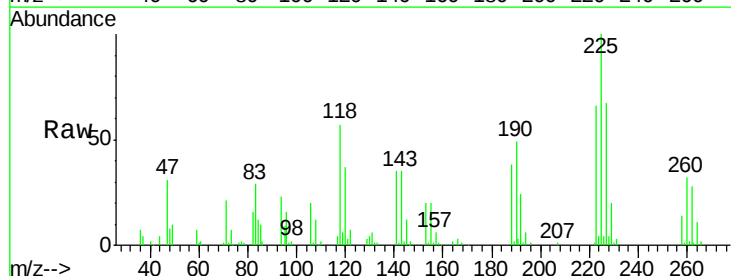
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0320SBS01

Tgt Ion:180 Resp: 51178
 Ion Ratio Lower Upper
 180 100
 182 92.8 46.1 138.3
 145 31.4 15.6 46.8



#94
 Hexachlorobutadiene
 Concen: 22.40 ug/l
 RT: 15.12 min Scan# 2195
 Delta R.T. -0.01 min
 Lab File: VY002033.D
 Acq: 20 Mar 2020 11:48

Tgt Ion:225 Resp: 24837
 Ion Ratio Lower Upper
 225 100
 223 62.1 31.5 94.5
 227 63.8 31.9 95.5

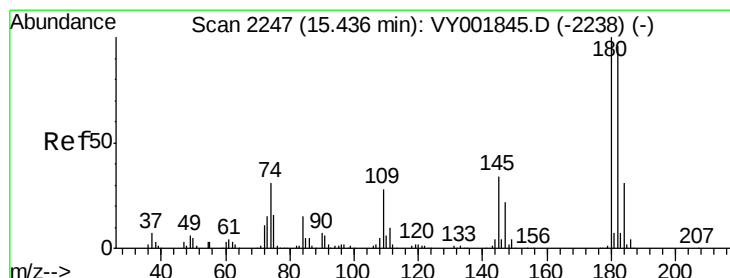
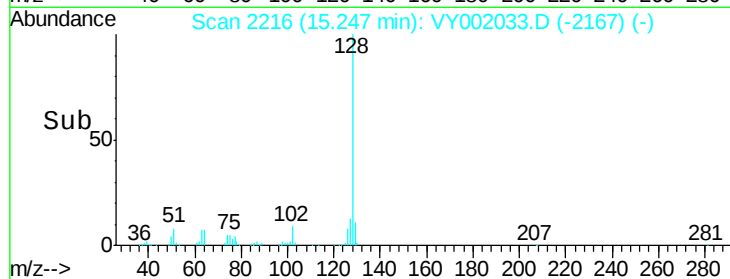
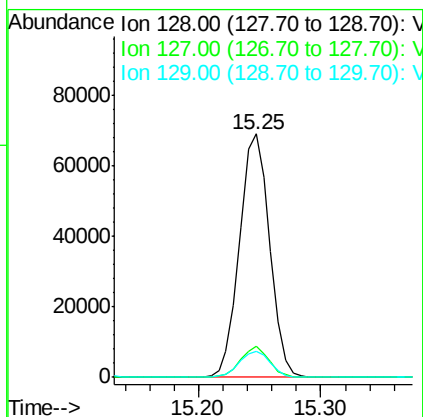
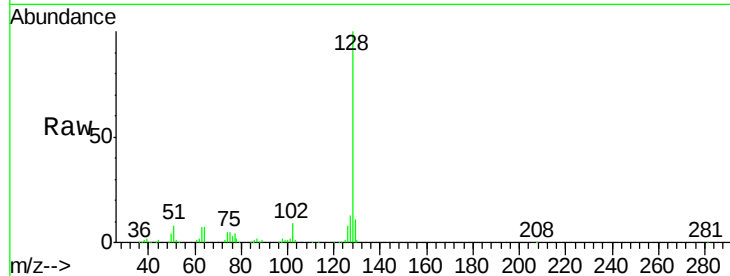




#95
Naphthalene
Concen: 21.85 ug/l
RT: 15.25 min Scan# 2216
Delta R.T. 0.00 min
Lab File: VY002033.D
Acq: 20 Mar 2020 11:48

Instrument :
MSVOA_Y
ClientSampleId :
VY0320SBS01

Tgt Ion:128 Resp: 117883
Ion Ratio Lower Upper
128 100
127 12.0 10.1 15.1
129 10.9 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 22.43 ug/l
RT: 15.44 min Scan# 2247
Delta R.T. 0.00 min
Lab File: VY002033.D
Acq: 20 Mar 2020 11:48

Tgt Ion:180 Resp: 44924
Ion Ratio Lower Upper
180 100
182 96.1 47.6 142.9
145 32.9 16.8 50.3

