

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY013120\
 Data File : VY001447.D
 Acq On : 31 Jan 2020 12:11
 Operator : SY/MD
 Sample : VY0131SBS01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0131SBS01

Quant Time: Jan 31 13:25:07 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y012120S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 23 01:21:47 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	184861	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	319916	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	280596	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	135068	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.17	65	102977	51.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.38%	
35) Dibromofluoromethane	7.75	113	97610	51.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.98%	
50) Toluene-d8	10.19	98	396483	54.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.70%	
62) 4-Bromofluorobenzene	12.49	95	145401	50.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.10%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	33475	22.96	ug/l	100
3) Chloromethane	2.13	50	49001	22.24	ug/l	98
4) Vinyl Chloride	2.27	62	52119	22.69	ug/l	91
5) Bromomethane	2.66	94	34149	22.07	ug/l	98
6) Chloroethane	2.81	64	33528	22.84	ug/l	96
7) Trichlorofluoromethane	3.15	101	69459	23.63	ug/l	100
8) Diethyl Ether	3.55	74	27362	22.05	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.93	101	45302	24.20	ug/l	99
10) Methyl Iodide	4.11	142	50999	20.66	ug/l	98
11) Tert butyl alcohol	5.00	59	31688	114.82	ug/l	95
12) 1,1-Dichloroethene	3.90	96	45747	23.31	ug/l	94
13) Acrolein	3.76	56	16989	106.46	ug/l	99
14) Allyl chloride	4.51	41	79861	22.82	ug/l	99
15) Acrylonitrile	5.20	53	70382	110.81	ug/l	100
16) Acetone	3.98	43	61086	111.07	ug/l	96
17) Carbon Disulfide	4.22	76	139240	22.56	ug/l	99
18) Methyl Acetate	4.51	43	37249	21.96	ug/l	99
19) Methyl tert-butyl Ether	5.25	73	124485	21.66	ug/l	98
20) Methylene Chloride	4.75	84	55563	19.81	ug/l	99
21) trans-1,2-Dichloroethene	5.25	96	51378	22.53	ug/l	93
22) Diisopropyl ether	6.15	45	164539	22.14	ug/l	97
23) Vinyl Acetate	6.10	43	532381	110.33	ug/l	99
24) 1,1-Dichloroethane	6.05	63	89283	22.79	ug/l	98
25) 2-Butanone	7.02	43	96862	110.63	ug/l	99
26) 2,2-Dichloropropane	7.02	77	78792	22.58	ug/l	100
27) cis-1,2-Dichloroethene	7.02	96	55462	21.77	ug/l	95
28) Bromochloromethane	7.36	49	30986	19.18	ug/l	99
29) Tetrahydrofuran	7.38	42	62243	109.27	ug/l	98
30) Chloroform	7.53	83	85919	22.37	ug/l	99
31) Cyclohexane	7.81	56	90638	23.30	ug/l	98
32) 1,1,1-Trichloroethane	7.73	97	74011	22.83	ug/l	99
36) 1,1-Dichloropropene	7.94	75	70328	23.27	ug/l	99
37) Ethyl Acetate	7.11	43	41503	22.48	ug/l	100
38) Carbon Tetrachloride	7.93	117	63874	23.71	ug/l	98

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.21	83	92178	23.81	ug/l	97
40) Benzene	8.19	78	209531	23.12	ug/l	98
41) Methacrylonitrile	7.38	41	56889	59.70	ug/l #	100
42) 1,2-Dichloroethane	8.26	62	57432	22.68	ug/l	98
43) Isopropyl Acetate	8.30	43	80237	22.35	ug/l	99
44) Trichloroethene	8.96	130	53279	22.91	ug/l	99
45) 1,2-Dichloropropane	9.24	63	53065	23.16	ug/l	97
46) Dibromomethane	9.33	93	27656	22.49	ug/l	96
47) Bromodichloromethane	9.52	83	66030	22.46	ug/l	97
48) Methyl methacrylate	9.31	41	35303	21.63	ug/l	98
49) 1,4-Dioxane	9.32	88	7426	428.16	ug/l	95
51) 4-Methyl-2-Pentanone	10.09	43	208329	112.66	ug/l	100
52) Toluene	10.26	92	131431	22.88	ug/l	98
53) t-1,3-Dichloropropene	10.48	75	73791	22.64	ug/l	99
54) cis-1,3-Dichloropropene	9.94	75	85180	22.77	ug/l	98
55) 1,1,2-Trichloroethane	10.66	97	40658	22.40	ug/l	97
56) Ethyl methacrylate	10.52	69	61386	22.37	ug/l	98
57) 1,3-Dichloropropane	10.80	76	72022	22.78	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.80	63	100561	105.92	ug/l	100
59) 2-Hexanone	10.85	43	148161	115.09	ug/l	100
60) Dibromochloromethane	11.00	129	45287	22.31	ug/l	99
61) 1,2-Dibromoethane	11.10	107	39392	22.95	ug/l	99
64) Tetrachloroethene	10.73	164	41219	23.00	ug/l	94
65) Chlorobenzene	11.53	112	136713	23.11	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.60	131	47225	23.40	ug/l	99
67) Ethyl Benzene	11.61	91	256436	23.53	ug/l	99
68) m/p-Xylenes	11.71	106	191252	46.98	ug/l	99
69) o-Xylene	12.04	106	91429	23.35	ug/l	99
70) Styrene	12.05	104	157740	22.96	ug/l	99
71) Bromoform	12.22	173	26357	21.88	ug/l #	99
73) Isopropylbenzene	12.34	105	244816	22.97	ug/l	100
74) N-amyl acetate	12.16	43	77114	22.10	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.59	83	51620	22.62	ug/l	99
76) 1,2,3-Trichloropropane	12.64	75	66859	41.08	ug/l #	100
77) Bromobenzene	12.62	156	52904	22.41	ug/l	100
78) n-propylbenzene	12.68	91	295166	23.01	ug/l	99
79) 2-Chlorotoluene	12.77	91	166861	22.77	ug/l	100
80) 1,3,5-Trimethylbenzene	12.82	105	204182	22.95	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.39	75	19042	22.14	ug/l	96
82) 4-Chlorotoluene	12.86	91	176626	22.56	ug/l	99
83) tert-Butylbenzene	13.08	119	175675	23.43	ug/l	99
84) 1,2,4-Trimethylbenzene	13.13	105	203641	22.80	ug/l	98
85) sec-Butylbenzene	13.27	105	249811	23.45	ug/l	100
86) p-Isopropyltoluene	13.38	119	218406	23.26	ug/l	99
87) 1,3-Dichlorobenzene	13.38	146	104370	22.96	ug/l	100
88) 1,4-Dichlorobenzene	13.45	146	103662	22.46	ug/l	99
89) n-Butylbenzene	13.70	91	220922	23.38	ug/l	99
90) Hexachloroethane	13.97	117	40332	22.66	ug/l	99
91) 1,2-Dichlorobenzene	13.75	146	93796	22.37	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.37	75	8398	21.32	ug/l	98

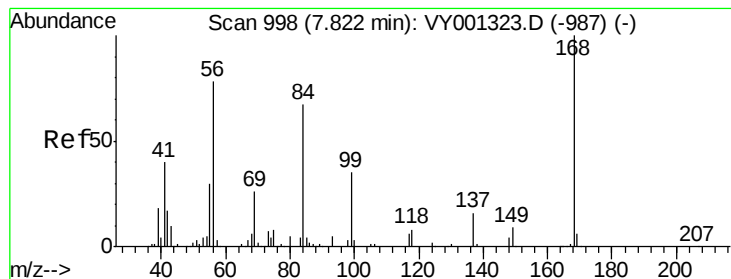
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY013120\
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QLast Update : Thu Jan 23 01:21:47 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	62028	22.04	ug/l	99
94) Hexachlorobutadiene	15.12	225	30891	22.54	ug/l	99
95) Naphthalene	15.25	128	142337	22.12	ug/l	100
96) 1,2,3-Trichlorobenzene	15.44	180	53951	21.86	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.82 min Scan# 997

Delta R.T. -0.01 min

Lab File: VY001447.D

Acq: 31 Jan 2020 12:11

Instrument :

MSVOA_Y

ClientSampleId :

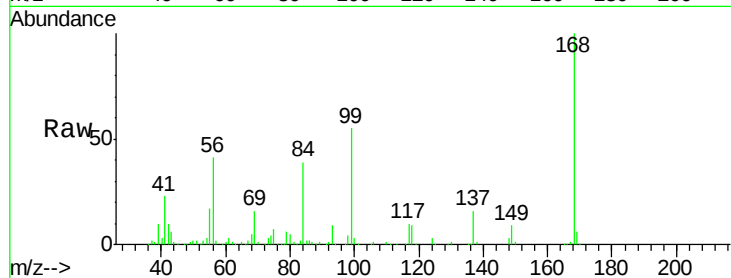
VY0131SBS01

Tgt Ion:168 Resp: 184861

Ion Ratio Lower Upper

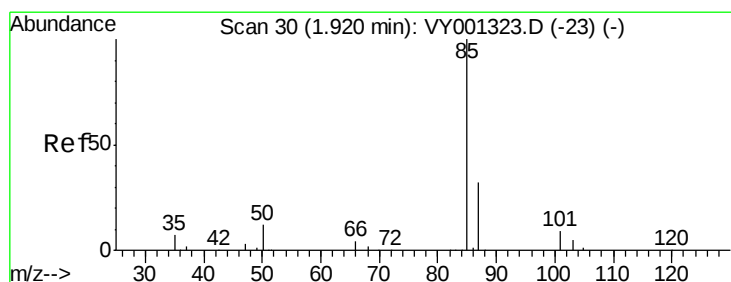
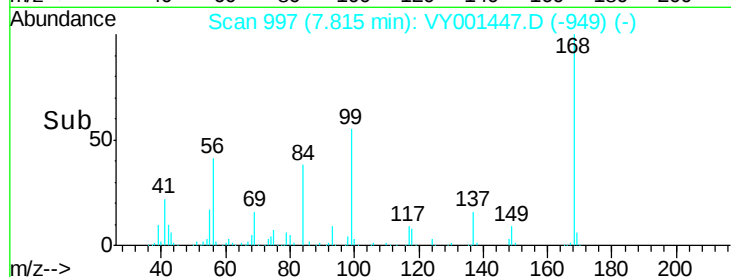
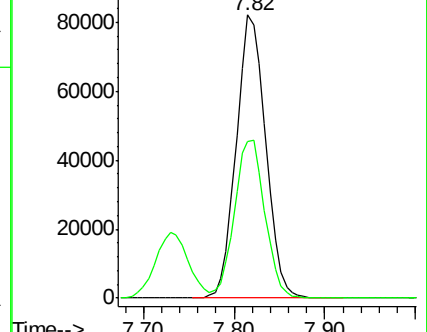
168 100

99 55.2 44.3 66.5



Abundance Ion 167.90 (167.60 to 168.60): VY001323.D (-987) (-)

Ion 98.90 (98.60 to 99.60): VY001323.D (-987) (-)



#2

Dichlorodifluoromethane

Concen: 22.96 ug/l

RT: 1.91 min Scan# 29

Delta R.T. -0.01 min

Lab File: VY001447.D

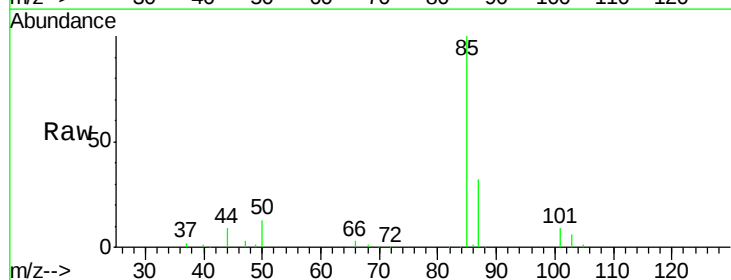
Acq: 31 Jan 2020 12:11

Tgt Ion: 85 Resp: 33475

Ion Ratio Lower Upper

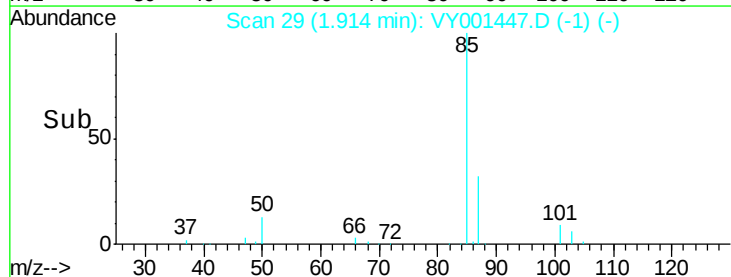
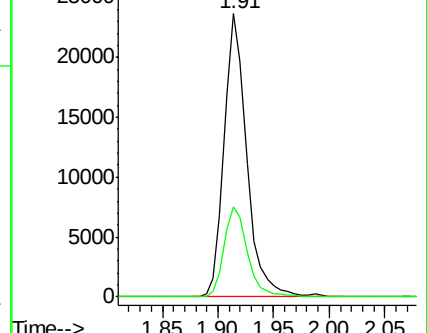
85 100

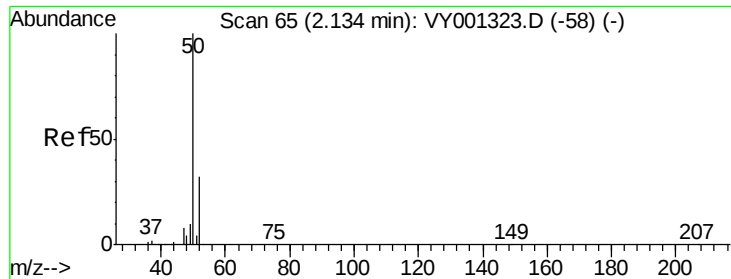
87 32.0 16.0 48.0



Abundance Ion 84.90 (84.60 to 85.60): VY001323.D (-23) (-)

Ion 86.90 (86.60 to 87.60): VY001323.D (-23) (-)





#3

Chloromethane

Concen: 22.24 ug/l

RT: 2.13 min Scan# 64

Delta R.T. -0.01 min

Lab File: VY001447.D

Acq: 31 Jan 2020 12:11

Instrument :

MSVOA_Y

ClientSampleId :

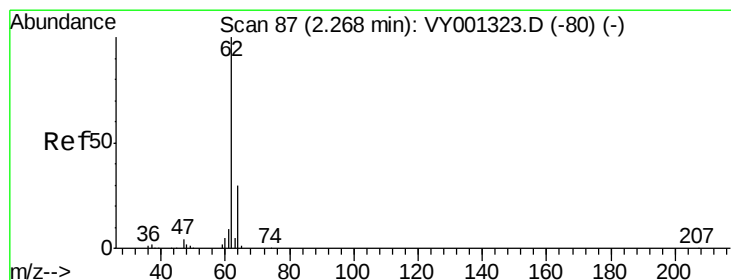
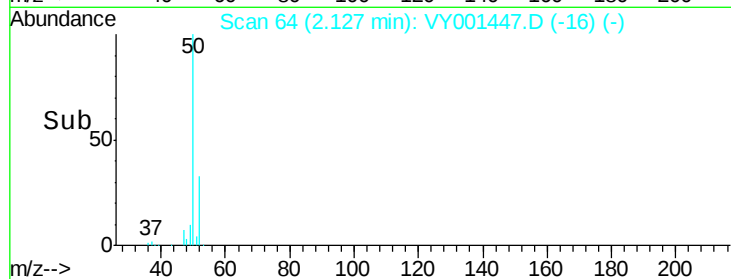
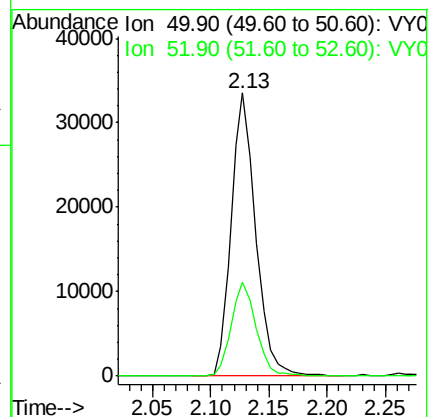
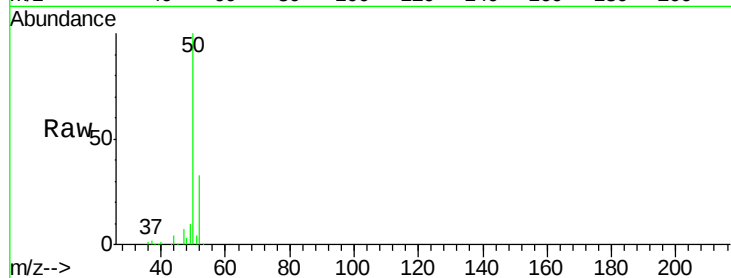
VY0131SBS01

Tgt Ion: 50 Resp: 49001

Ion Ratio Lower Upper

50 100

52 33.1 25.7 38.5



#4

Vinyl Chloride

Concen: 22.69 ug/l

RT: 2.27 min Scan# 87

Delta R.T. -0.00 min

Lab File: VY001447.D

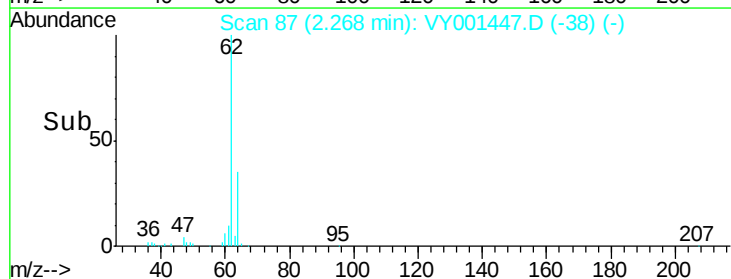
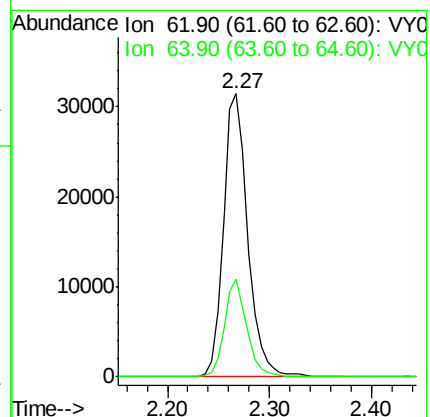
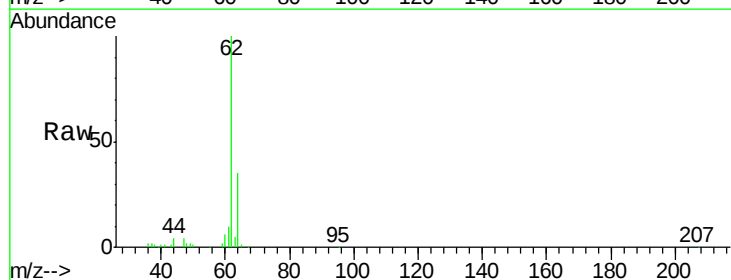
Acq: 31 Jan 2020 12:11

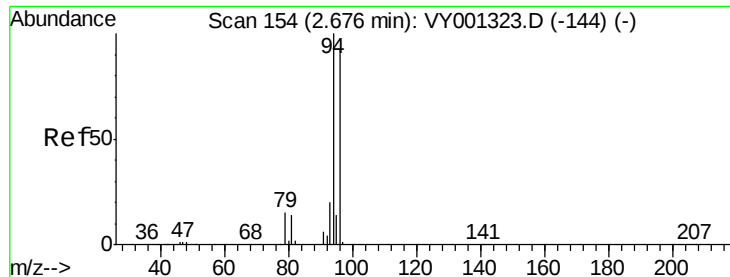
Tgt Ion: 62 Resp: 52119

Ion Ratio Lower Upper

62 100

64 34.6 23.9 35.9





#5

Bromomethane

Concen: 22.07 ug/l

RT: 2.66 min Scan# 152

Delta R.T. -0.01 min

Lab File: VY001447.D

Acq: 31 Jan 2020 12:11

Instrument :

MSVOA_Y

ClientSampleId :

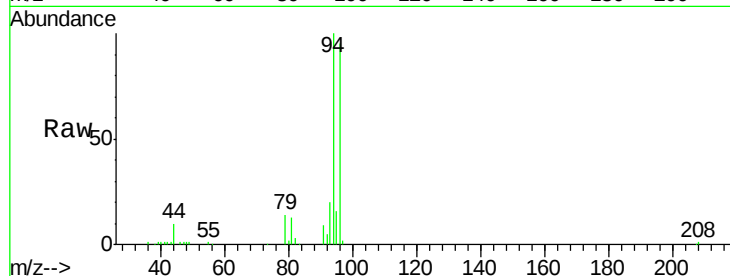
VY0131SBS01

Tgt Ion: 94 Resp: 34149

Ion Ratio Lower Upper

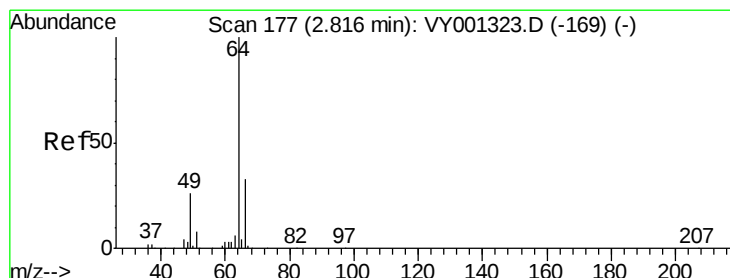
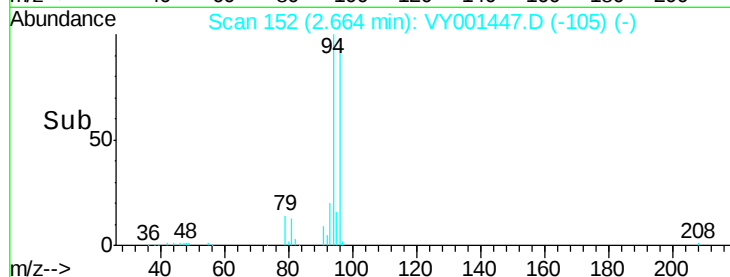
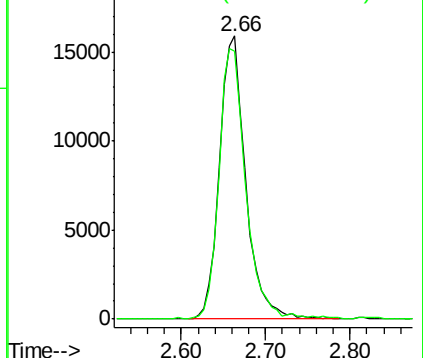
94 100

96 94.7 74.6 111.8



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 22.84 ug/l

RT: 2.81 min Scan# 176

Delta R.T. -0.01 min

Lab File: VY001447.D

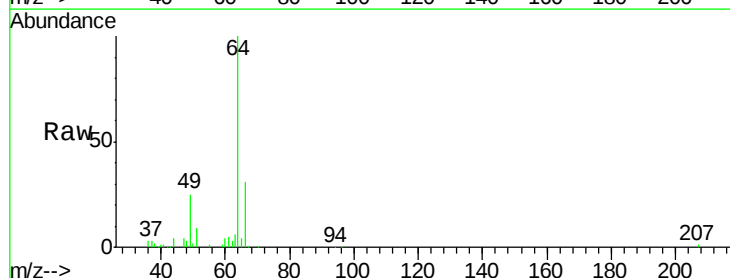
Acq: 31 Jan 2020 12:11

Tgt Ion: 64 Resp: 33528

Ion Ratio Lower Upper

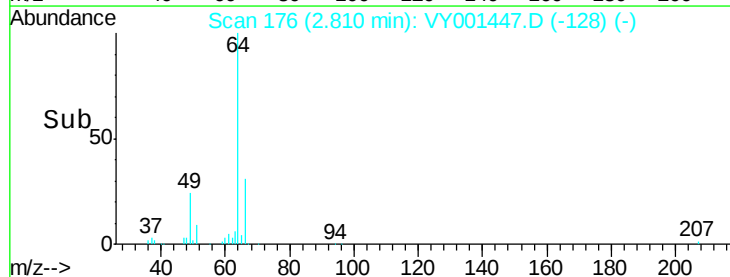
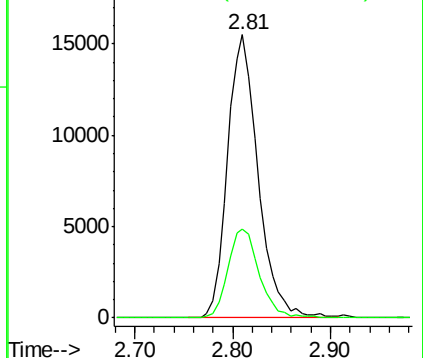
64 100

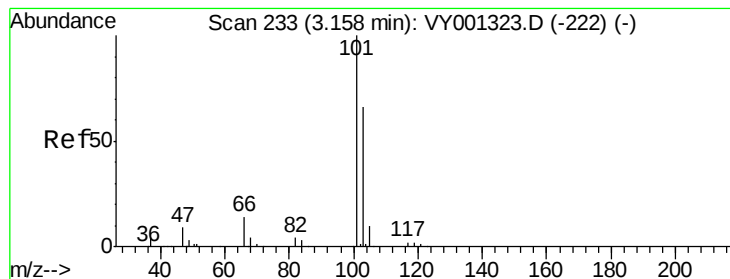
66 31.3 26.8 40.2



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0



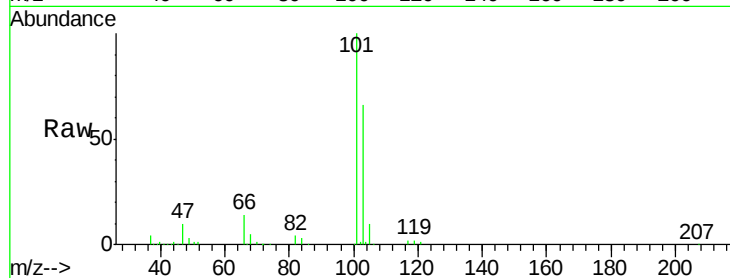


#7

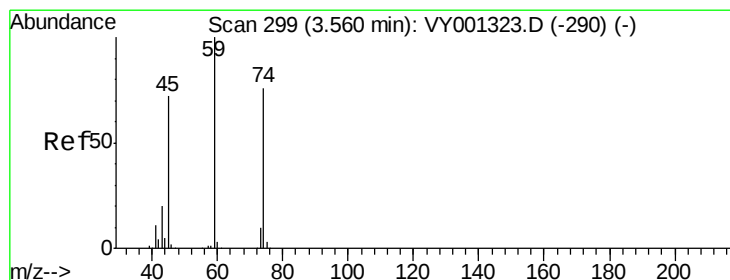
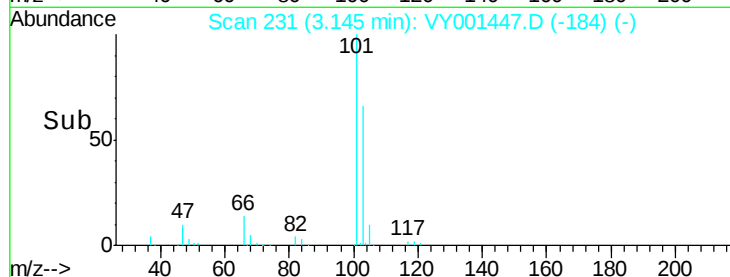
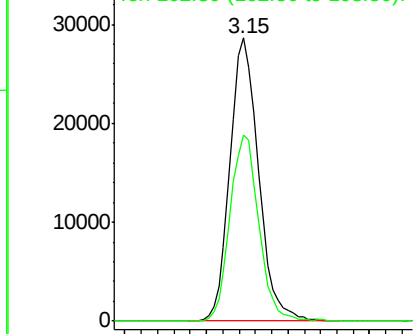
Trichlorofluoromethane
 Concen: 23.63 ug/l
 RT: 3.15 min Scan# 231
 Delta R.T. -0.01 min
 Lab File: VY001447.D
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 VY0131SBS01

Tgt Ion:101 Resp: 69459
 Ion Ratio Lower Upper
 101 100
 103 65.5 52.5 78.7



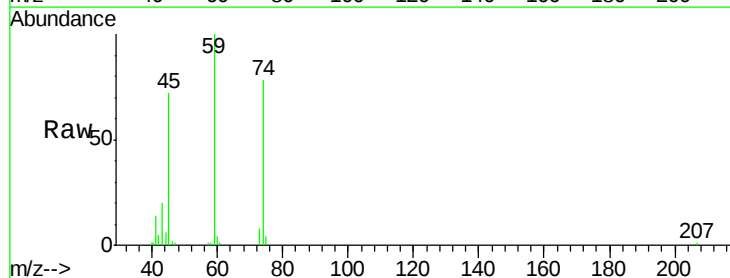
Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 102.80 (102.50 to 103.50): V



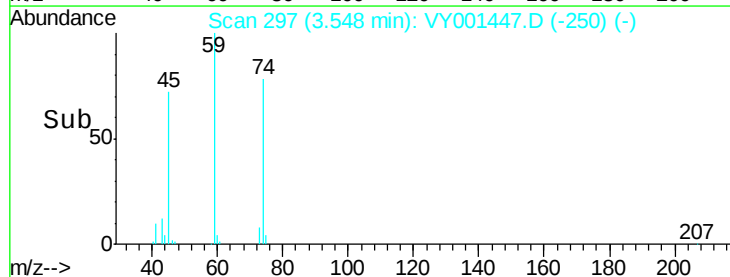
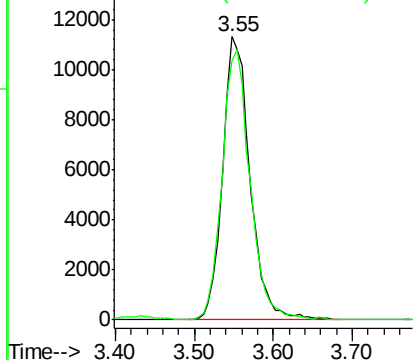
#8

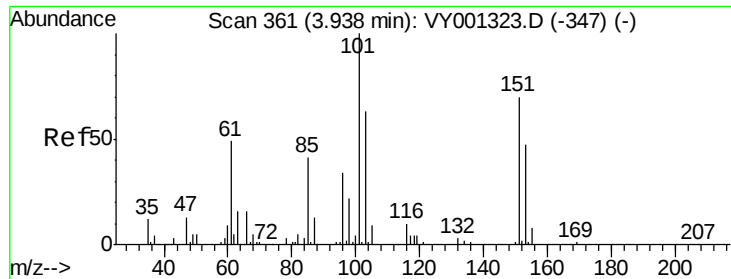
Diethyl Ether
 Concen: 22.05 ug/l
 RT: 3.55 min Scan# 297
 Delta R.T. -0.01 min
 Lab File: VY001447.D
 Acq: 31 Jan 2020 12:11

Tgt Ion: 74 Resp: 27362
 Ion Ratio Lower Upper
 74 100
 45 97.0 47.2 141.6



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: 24.20 ug/l

RT: 3.93 min Scan# 359

Delta R.T. -0.01 min

Lab File: VY001447.D

Acq: 31 Jan 2020 12:11

Instrument :

MSVOA_Y

ClientSampleId :

VY0131SBS01

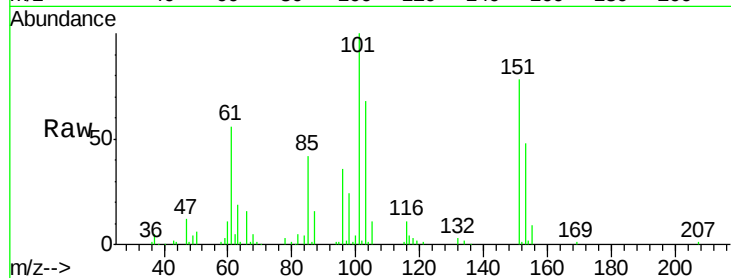
Tgt Ion:101 Resp: 45302

Ion Ratio Lower Upper

101 100

85 42.9 34.9 52.3

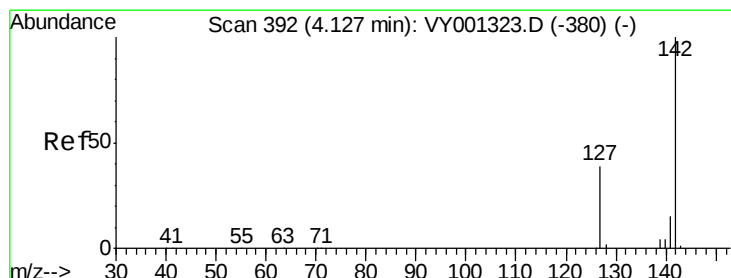
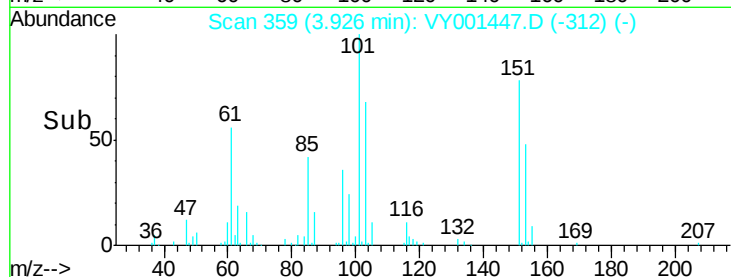
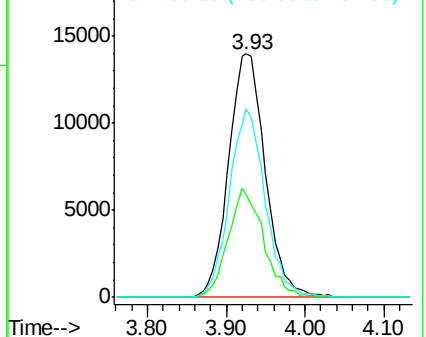
151 75.2 59.9 89.9



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VY0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 20.66 ug/l

RT: 4.11 min Scan# 390

Delta R.T. -0.01 min

Lab File: VY001447.D

Acq: 31 Jan 2020 12:11

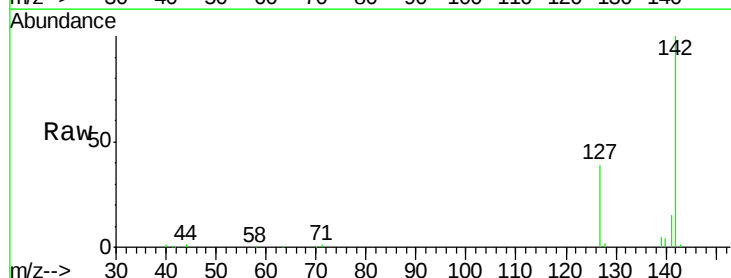
Tgt Ion:142 Resp: 50999

Ion Ratio Lower Upper

142 100

127 41.1 31.6 47.4

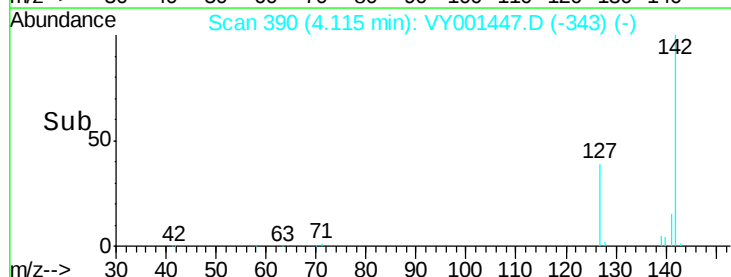
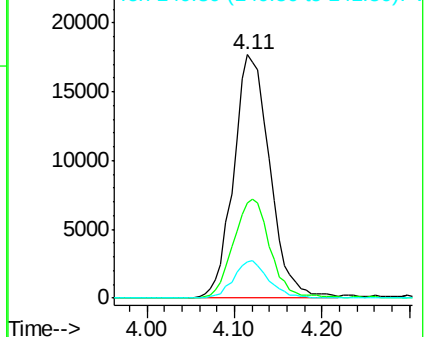
141 14.7 11.2 16.8

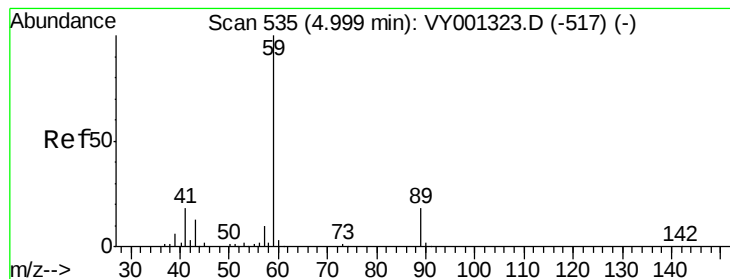


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



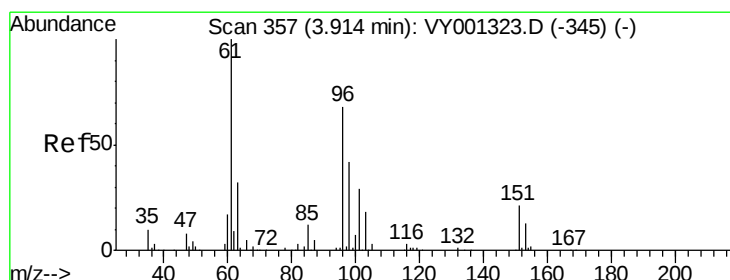
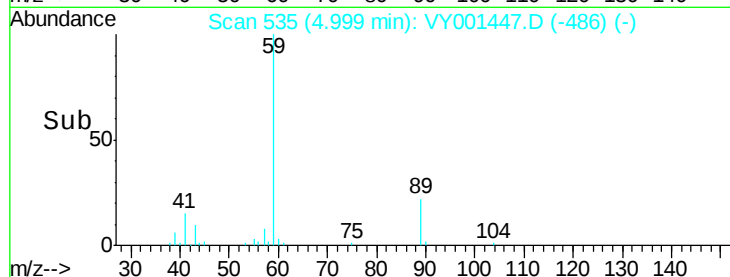
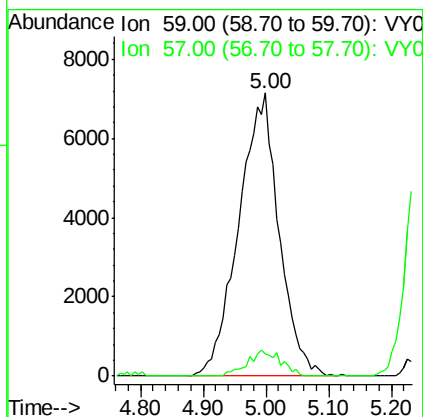
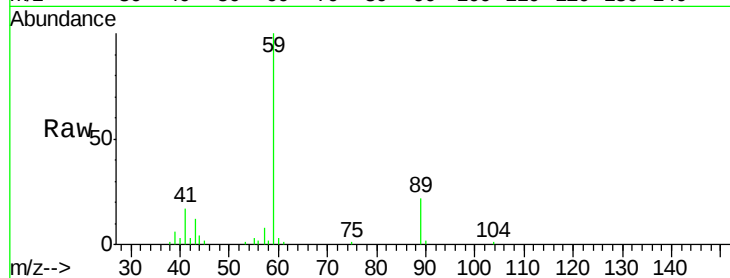


#11

Tert butyl alcohol
 Concen: 114.82 ug/l
 RT: 5.00 min Scan# 535
 Delta R.T. -0.00 min
 Lab File: VY001447.D
 Acq: 31 Jan 2020 12:11

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0131SBS01

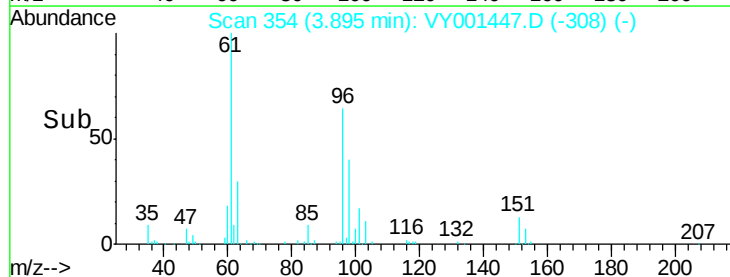
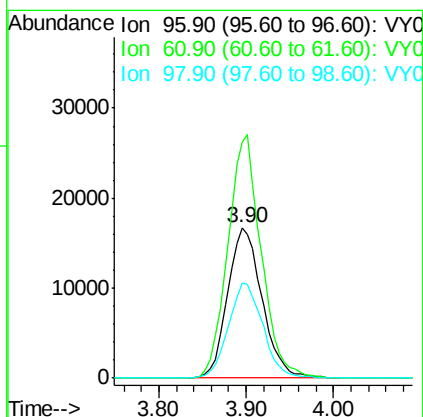
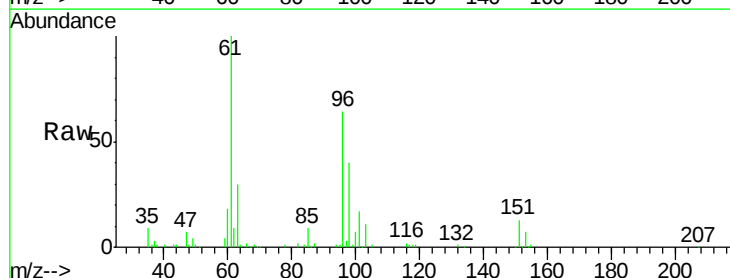
Tgt Ion: 59 Resp: 31688
 Ion Ratio Lower Upper
 59 100
 57 7.4 7.4 11.2

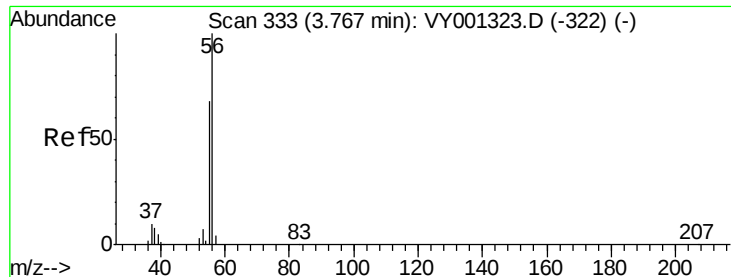


#12

1,1-Dichloroethene
 Concen: 23.31 ug/l
 RT: 3.90 min Scan# 354
 Delta R.T. -0.02 min
 Lab File: VY001447.D
 Acq: 31 Jan 2020 12:11

Tgt Ion: 96 Resp: 45747
 Ion Ratio Lower Upper
 96 100
 61 156.5 118.0 177.0
 98 63.0 49.4 74.2

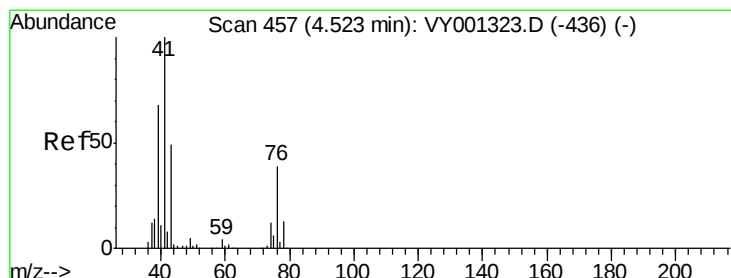
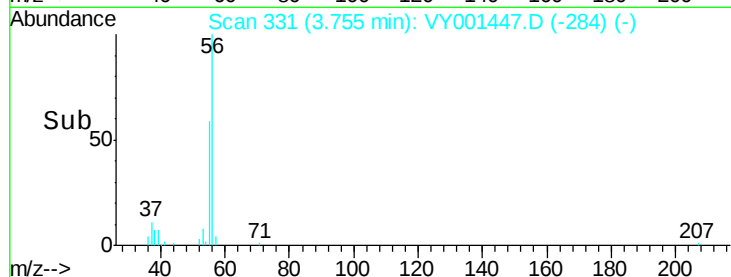
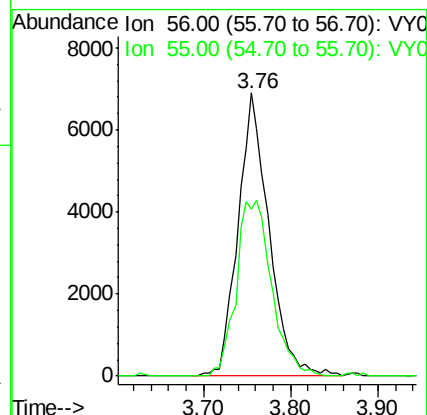
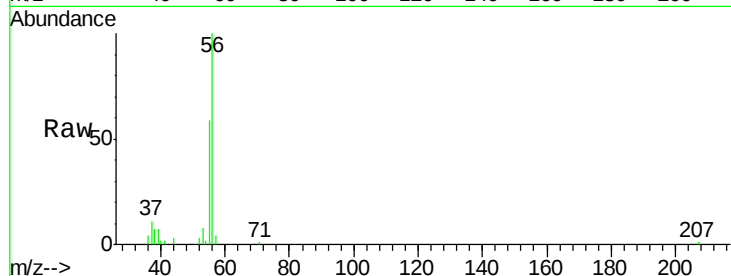




#13
 Acrolein
 Concen: 106.46 ug/l
 RT: 3.76 min Scan# 331
 Delta R.T. -0.01 min
 Lab File: VY001447.D
 Acq: 31 Jan 2020 12:11

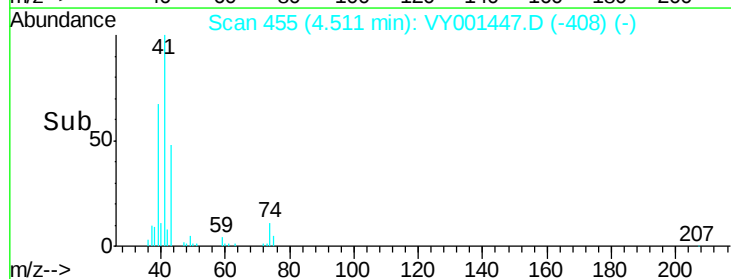
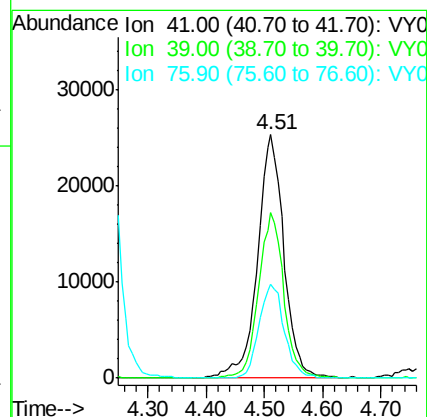
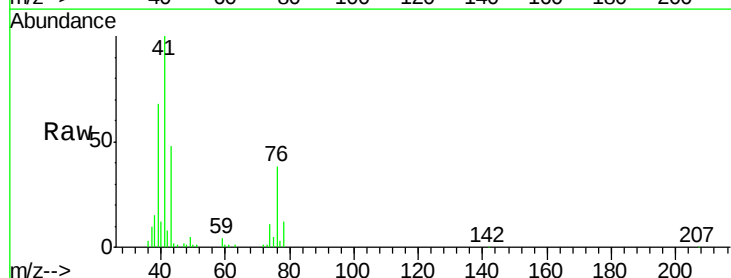
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0131SBS01

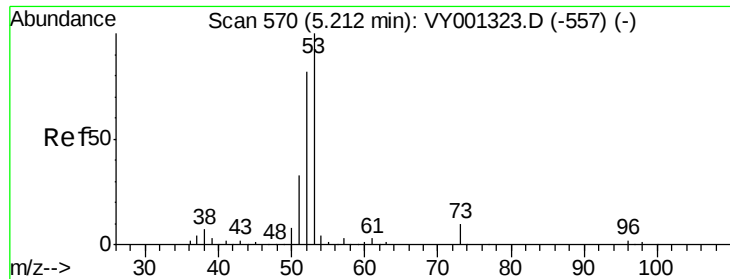
Tgt Ion: 56 Resp: 16989
 Ion Ratio Lower Upper
 56 100
 55 70.7 55.9 83.9



#14
 Allyl chloride
 Concen: 22.82 ug/l
 RT: 4.51 min Scan# 455
 Delta R.T. -0.01 min
 Lab File: VY001447.D
 Acq: 31 Jan 2020 12:11

Tgt Ion: 41 Resp: 79861
 Ion Ratio Lower Upper
 41 100
 39 64.8 52.2 78.4
 76 36.6 29.1 43.7

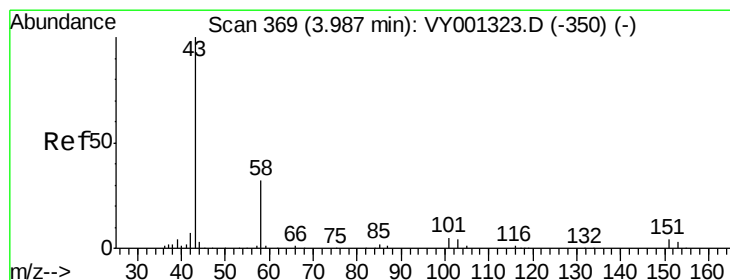
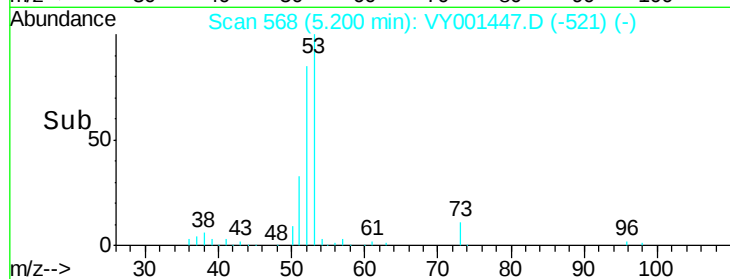
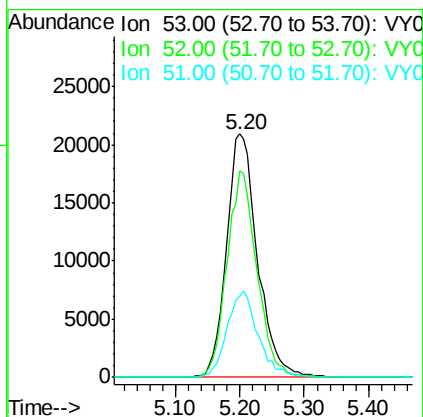
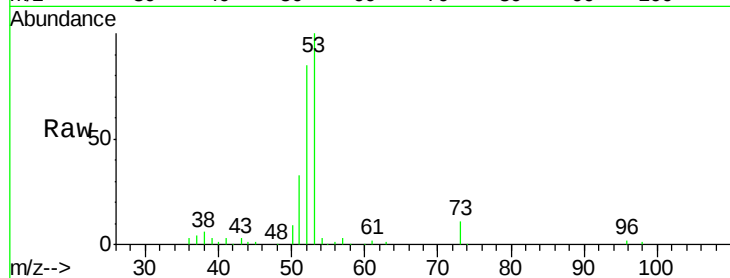




#15
 Acrylonitrile
 Concen: 110.81 ug/l
 RT: 5.20 min Scan# 568
 Delta R.T. -0.01 min
 Lab File: VY001447.D
 Acq: 31 Jan 2020 12:11

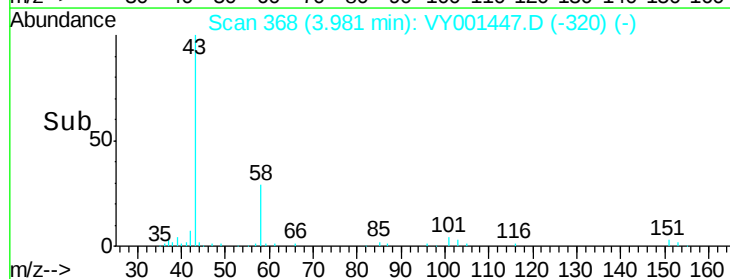
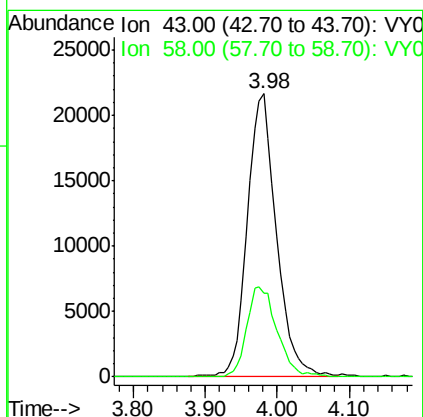
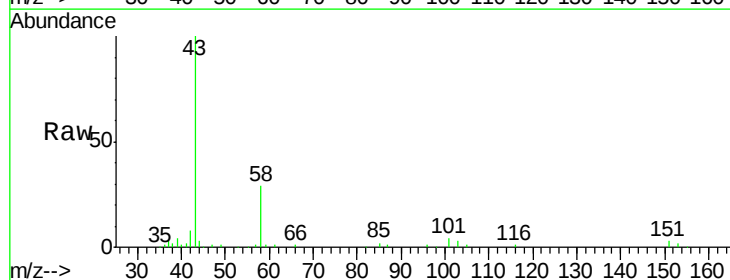
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0131SBS01

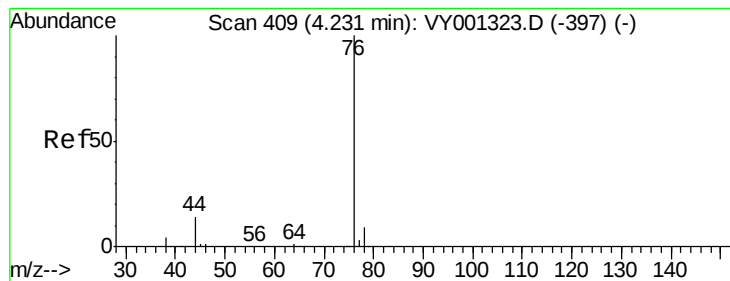
Tgt Ion: 53 Resp: 70382
 Ion Ratio Lower Upper
 53 100
 52 82.0 65.3 97.9
 51 35.6 28.4 42.6



#16
 Acetone
 Concen: 111.07 ug/l
 RT: 3.98 min Scan# 368
 Delta R.T. -0.01 min
 Lab File: VY001447.D
 Acq: 31 Jan 2020 12:11

Tgt Ion: 43 Resp: 61086
 Ion Ratio Lower Upper
 43 100
 58 29.5 25.4 38.0





#17

Carbon Disulfide

Concen: 22.56 ug/l

RT: 4.22 min Scan# 407

Delta R.T. -0.01 min

Lab File: VY001447.D

Acq: 31 Jan 2020 12:11

Instrument :

MSVOA_Y

ClientSampleId :

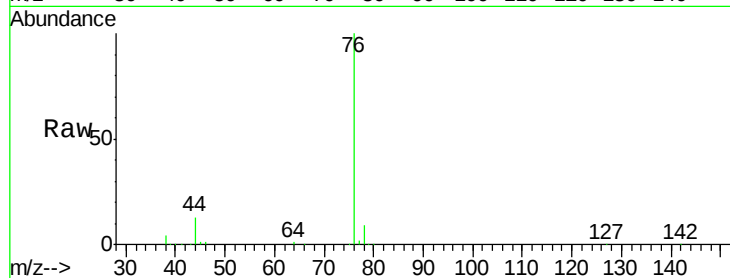
VY0131SBS01

Tgt Ion: 76 Resp: 139240

Ion Ratio Lower Upper

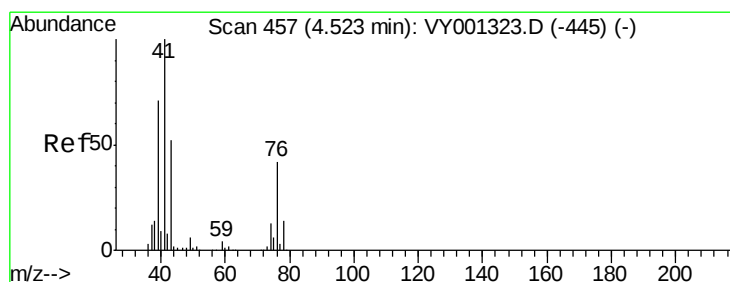
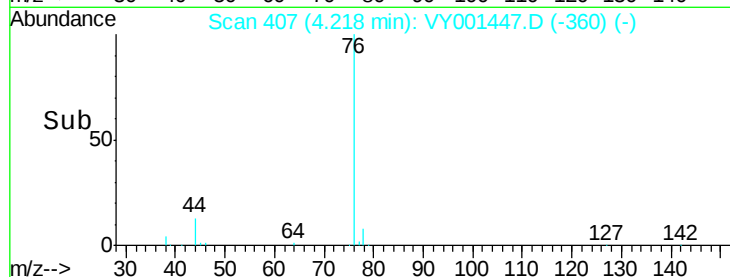
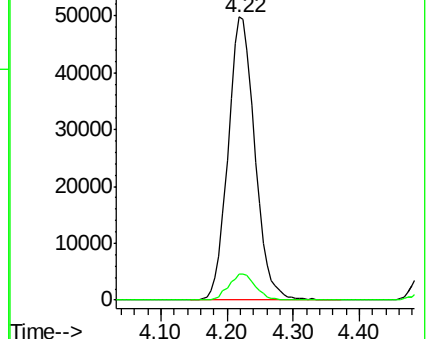
76 100

78 9.1 7.0 10.6



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#18

Methyl Acetate

Concen: 21.96 ug/l

RT: 4.51 min Scan# 455

Delta R.T. -0.01 min

Lab File: VY001447.D

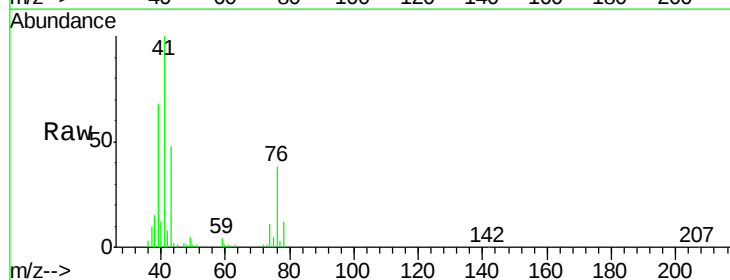
Acq: 31 Jan 2020 12:11

Tgt Ion: 43 Resp: 37249

Ion Ratio Lower Upper

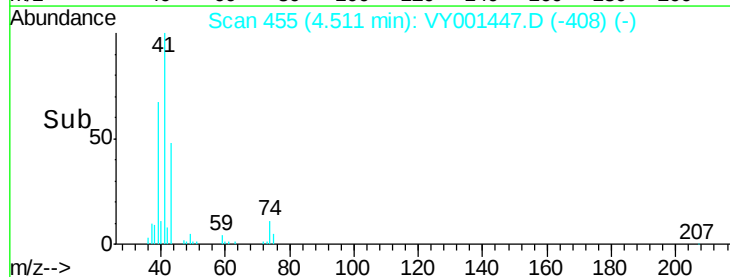
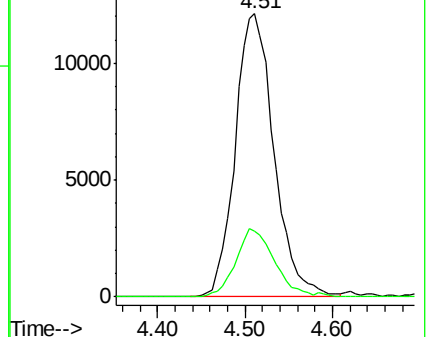
43 100

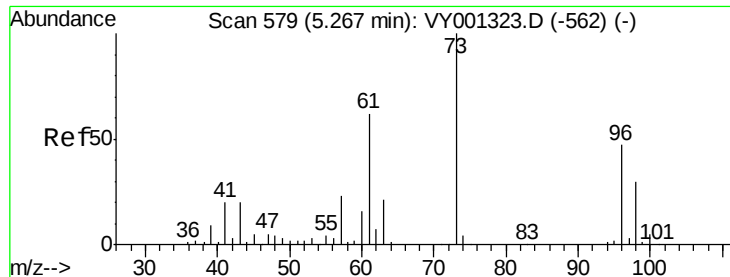
74 23.8 19.4 29.2



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 74.00 (73.70 to 74.70): VY0

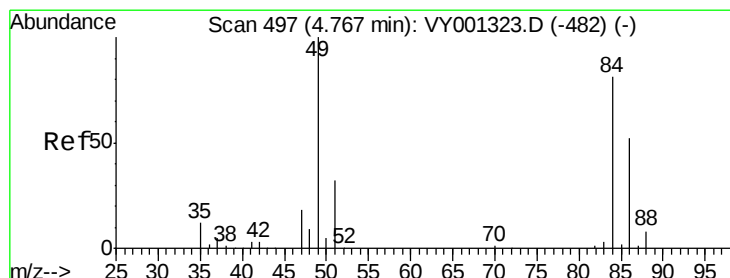
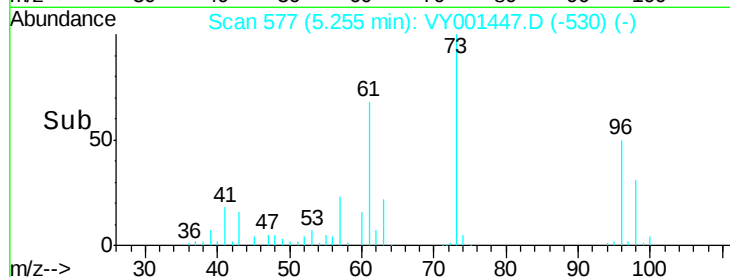
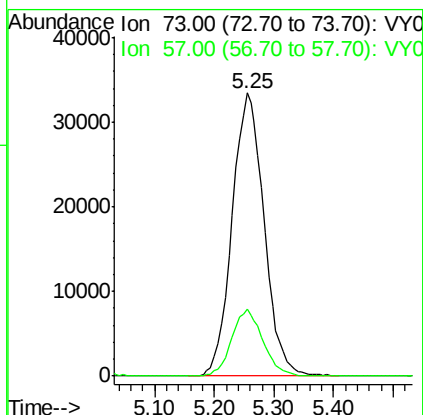
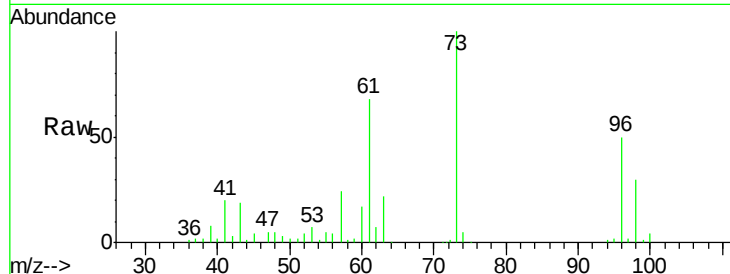




#19
Methyl tert-butyl Ether
Concen: 21.66 ug/l
RT: 5.25 min Scan# 577
Delta R.T. -0.01 min
Lab File: VY001447.D
Acq: 31 Jan 2020 12:11

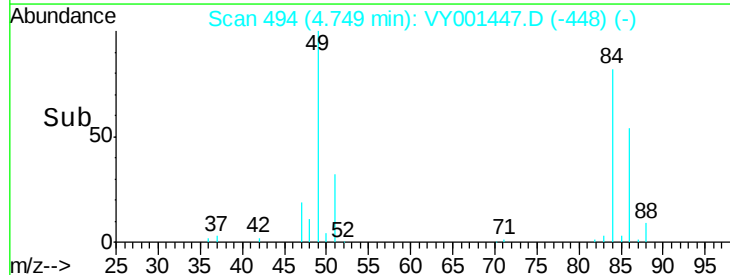
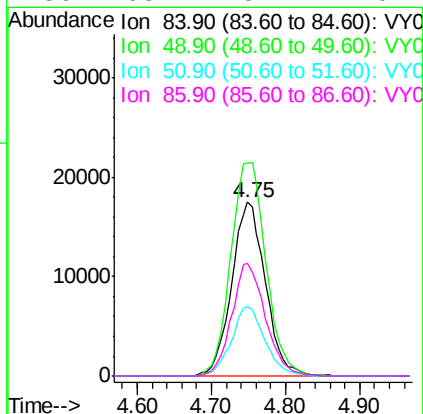
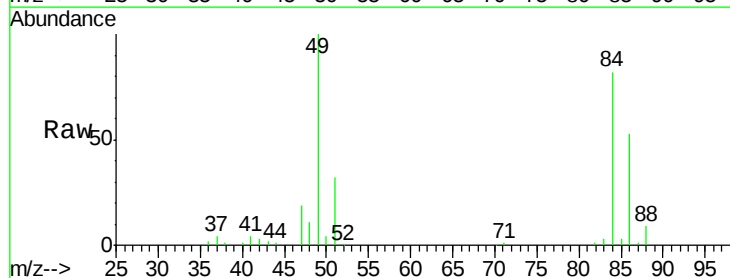
Instrument :
MSVOA_Y
ClientSampleId :
VY0131SBS01

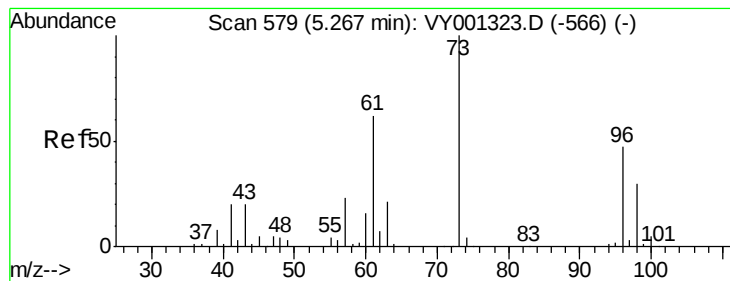
Tgt Ion: 73 Resp: 124485
Ion Ratio Lower Upper
73 100
57 23.7 18.2 27.2



#20
Methylene Chloride
Concen: 19.81 ug/l
RT: 4.75 min Scan# 494
Delta R.T. -0.02 min
Lab File: VY001447.D
Acq: 31 Jan 2020 12:11

Tgt Ion: 84 Resp: 55563
Ion Ratio Lower Upper
84 100
49 122.4 98.3 147.5
51 39.8 31.6 47.4
86 65.1 51.1 76.7





#21

trans-1,2-Dichloroethene

Concen: 22.53 ug/l

RT: 5.25 min Scan# 576

Delta R.T. -0.02 min

Lab File: VY001447.D

Acq: 31 Jan 2020 12:11

Instrument :

MSVOA_Y

ClientSampleId :

VY0131SBS01

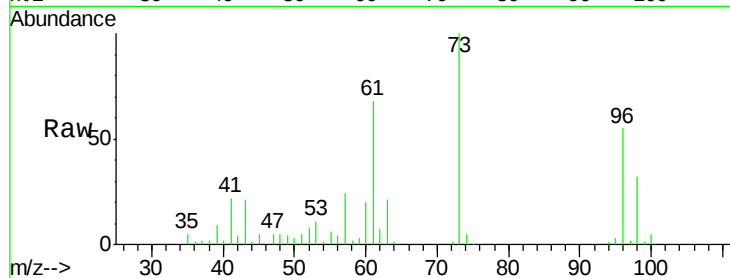
Tgt Ion: 96 Resp: 51378

Ion Ratio Lower Upper

96 100

61 124.4 106.8 160.2

98 58.7 51.0 76.6

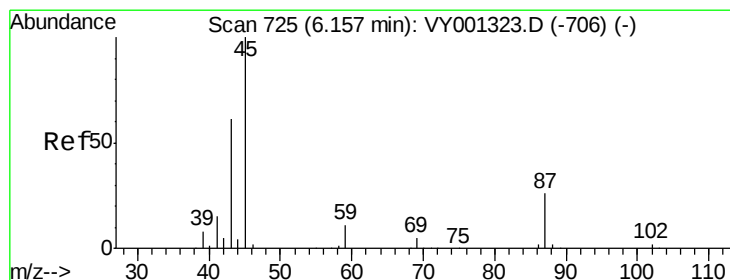
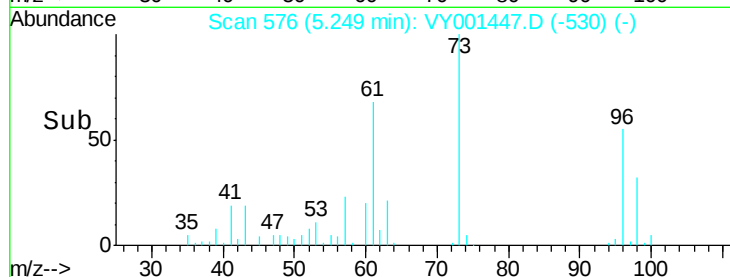
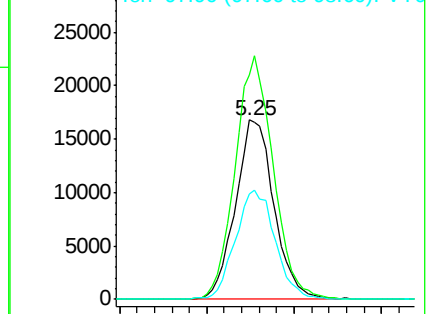


Abundance

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: 22.14 ug/l

RT: 6.15 min Scan# 724

Delta R.T. -0.01 min

Lab File: VY001447.D

Acq: 31 Jan 2020 12:11

Tgt Ion: 45 Resp: 164539

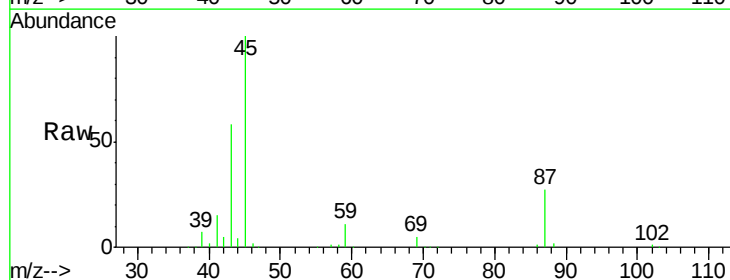
Ion Ratio Lower Upper

45 100

43 57.7 49.2 73.8

87 26.9 21.4 32.2

59 11.0 9.3 13.9



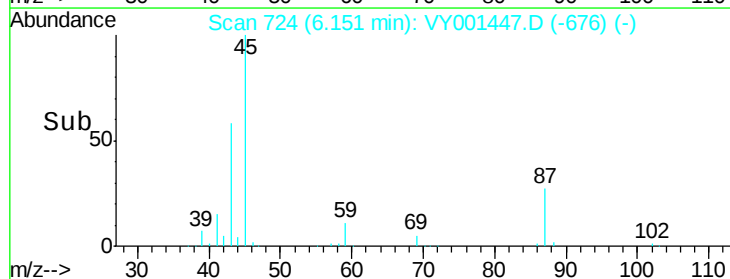
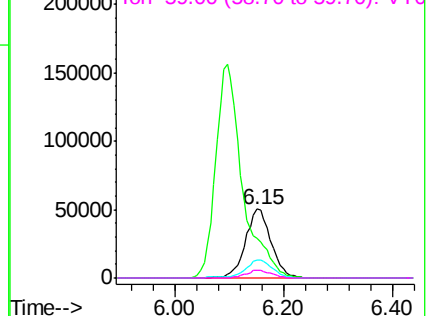
Abundance

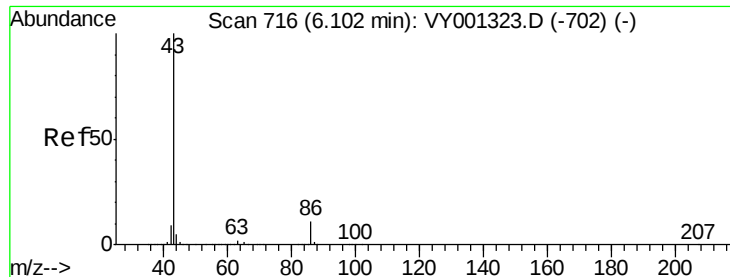
Ion 45.00 (44.70 to 45.70): VY0

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: 110.33 ug/l

RT: 6.10 min Scan# 715

Delta R.T. -0.01 min

Lab File: VY001447.D

Acq: 31 Jan 2020 12:11

Instrument :

MSVOA_Y

ClientSampleId :

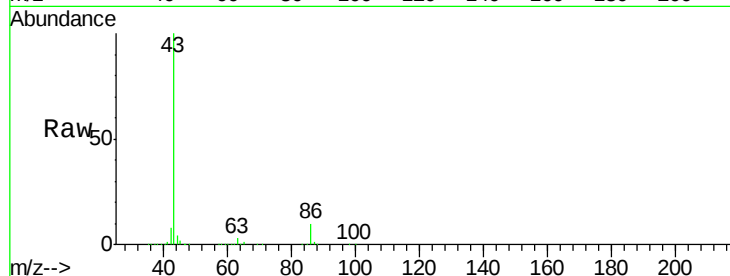
VY0131SBS01

Tgt Ion: 43 Resp: 532381

Ion Ratio Lower Upper

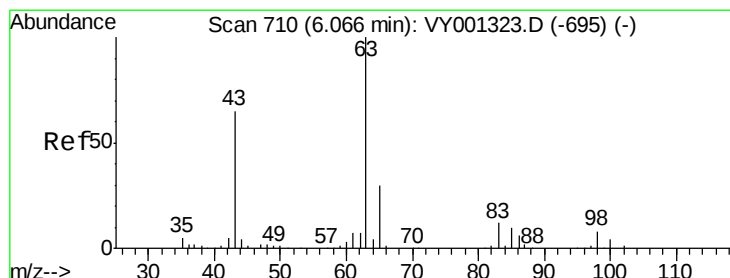
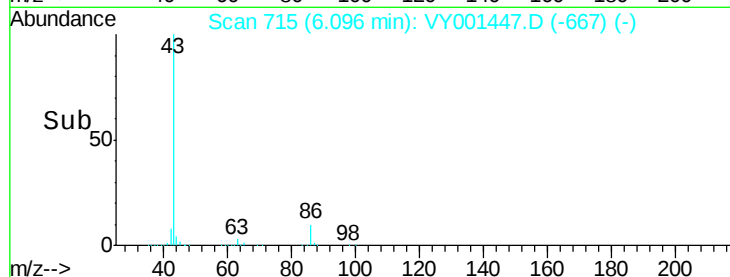
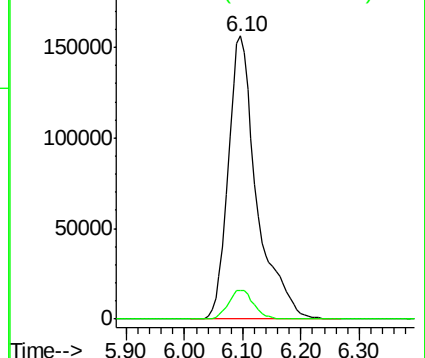
43 100

86 10.3 8.6 13.0



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0



#24

1,1-Dichloroethane

Concen: 22.79 ug/l

RT: 6.05 min Scan# 708

Delta R.T. -0.01 min

Lab File: VY001447.D

Acq: 31 Jan 2020 12:11

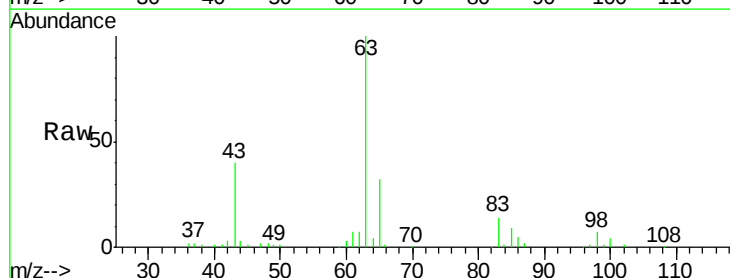
Tgt Ion: 63 Resp: 89283

Ion Ratio Lower Upper

63 100

98 6.9 4.0 12.0

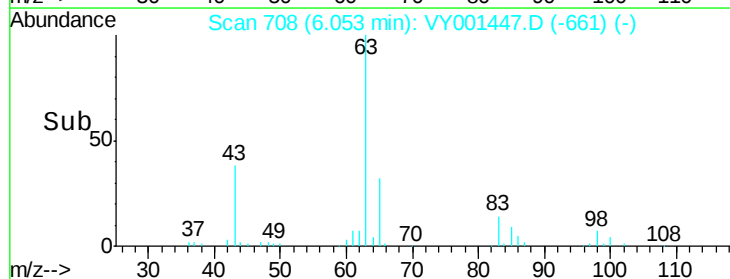
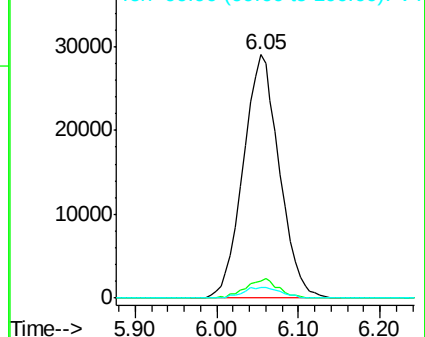
100 4.3 2.1 6.3



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0

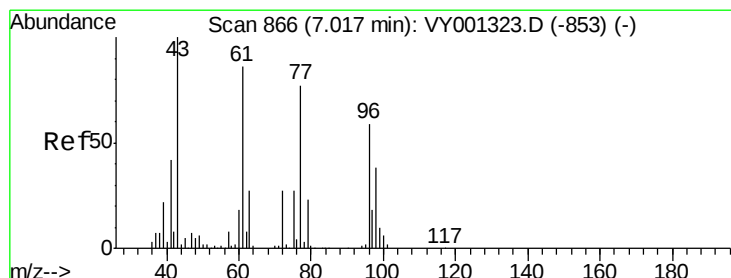
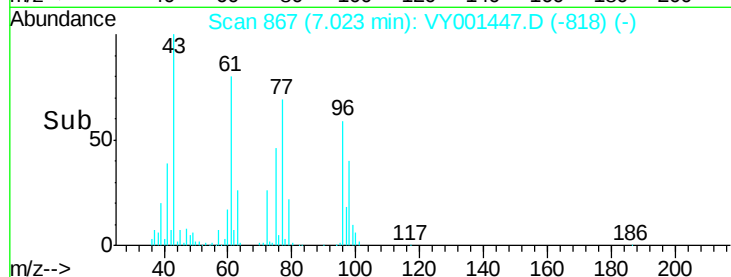
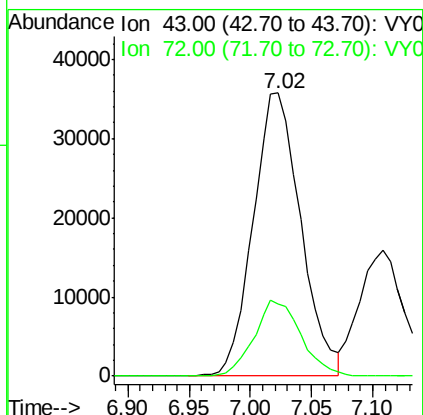
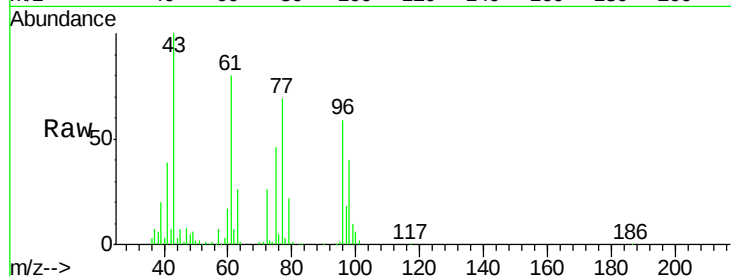




#25
2-Butanone
Concen: 110.63 ug/l
RT: 7.02 min Scan# 867
Delta R.T. -0.00 min
Lab File: VY001447.D
Acq: 31 Jan 2020 12:11

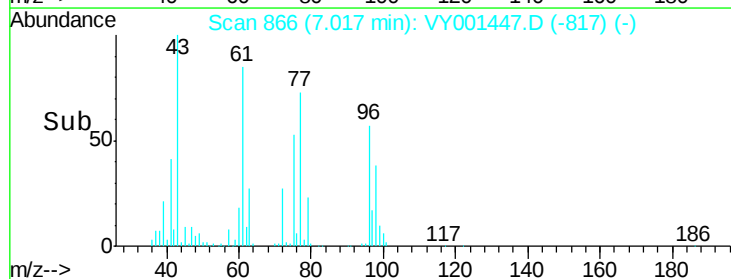
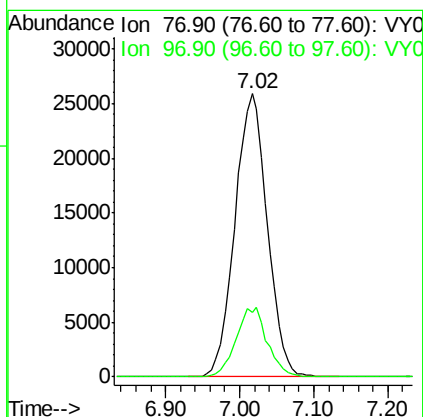
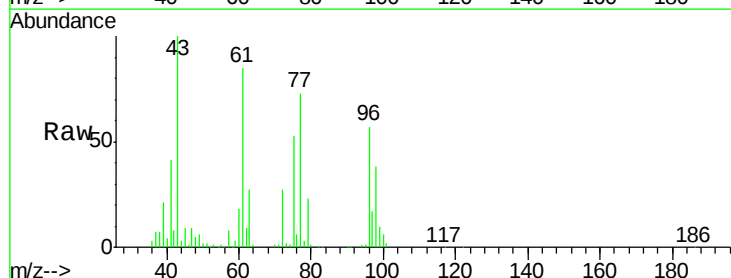
Instrument :
MSVOA_Y
ClientSampleId :
VY0131SBS01

Tgt Ion: 43 Resp: 96862
Ion Ratio Lower Upper
43 100
72 25.5 20.6 31.0



#26
2,2-Dichloropropane
Concen: 22.58 ug/l
RT: 7.02 min Scan# 866
Delta R.T. -0.00 min
Lab File: VY001447.D
Acq: 31 Jan 2020 12:11

Tgt Ion: 77 Resp: 78792
Ion Ratio Lower Upper
77 100
97 23.7 11.9 35.5



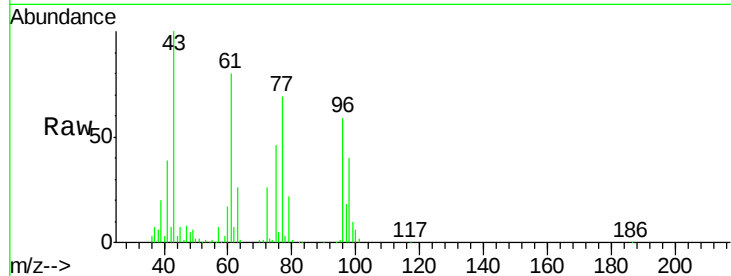


#27

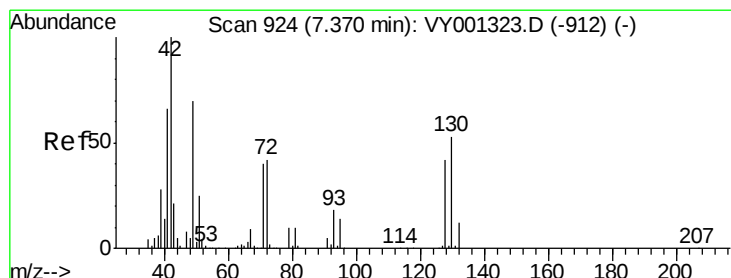
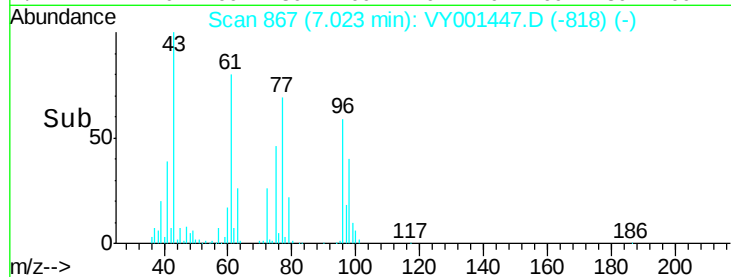
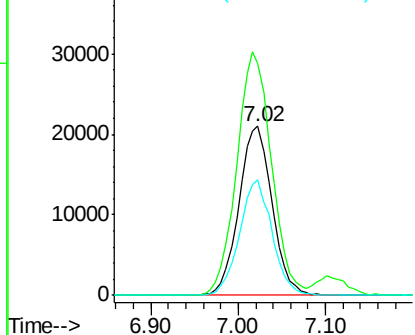
cis-1,2-Dichloroethene
Concen: 21.77 ug/l
RT: 7.02 min Scan# 867
Delta R.T. -0.00 min
Lab File: VY001447.D
Acq: 31 Jan 2020 12:11

Instrument :
MSVOA_Y
ClientSampleId :
VY0131SBS01

Tgt Ion: 96 Resp: 55462
Ion Ratio Lower Upper
96 100
61 150.2 0.0 284.8
98 66.6 0.0 128.4



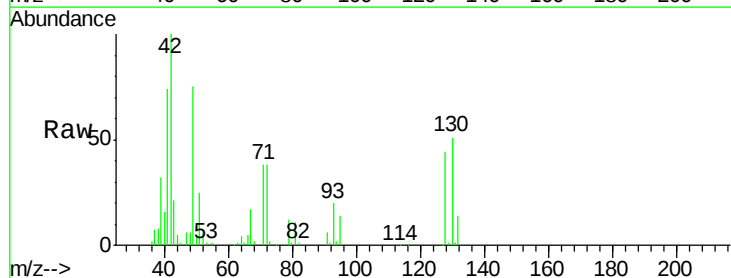
Abundance Ion 95.90 (95.60 to 96.60): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 97.90 (97.60 to 98.60): VY0



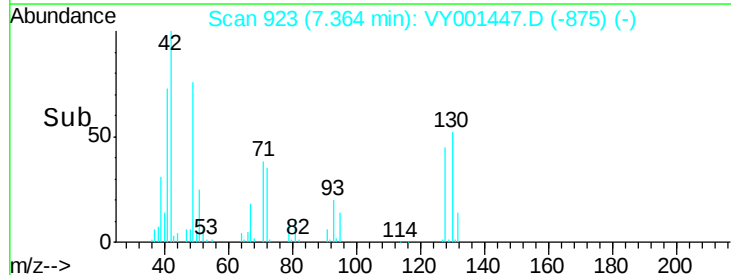
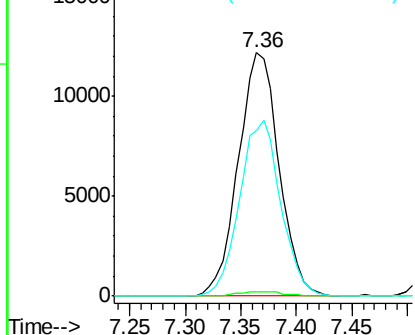
#28

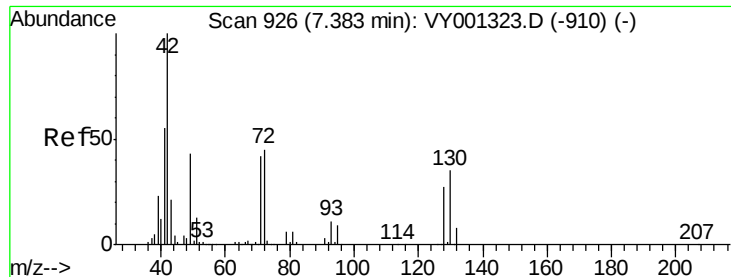
Bromochloromethane
Concen: 19.18 ug/l
RT: 7.36 min Scan# 923
Delta R.T. -0.01 min
Lab File: VY001447.D
Acq: 31 Jan 2020 12:11

Tgt Ion: 49 Resp: 30986
Ion Ratio Lower Upper
49 100
129 2.0 0.0 4.0
130 72.8 58.9 88.3



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

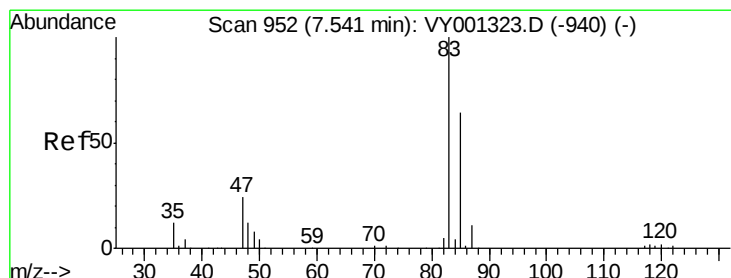
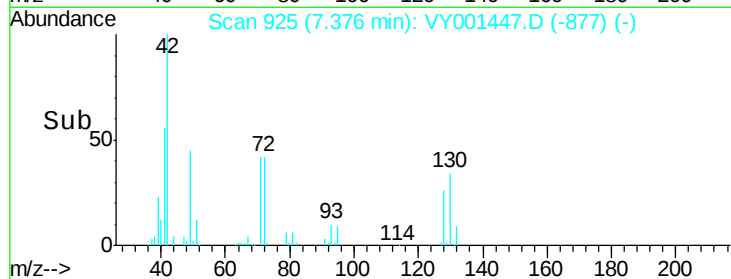
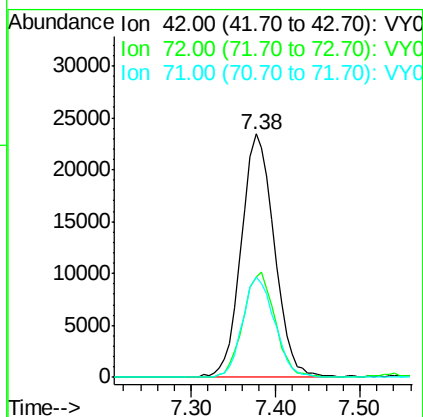
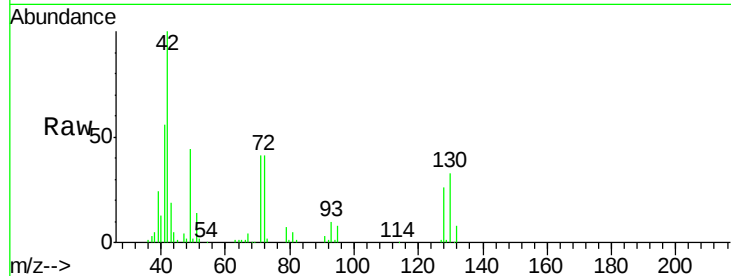




#29
Tetrahydrofuran
Concen: 109.27 ug/l
RT: 7.38 min Scan# 925
Delta R.T. -0.01 min
Lab File: VY001447.D
Acq: 31 Jan 2020 12:11

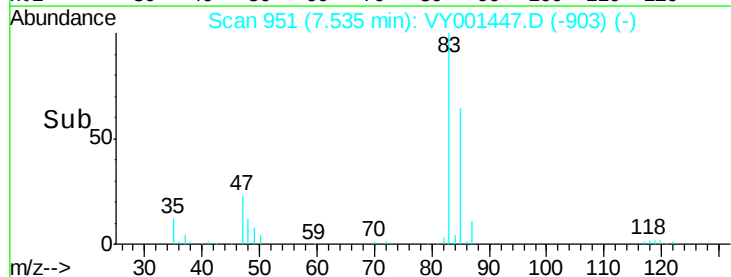
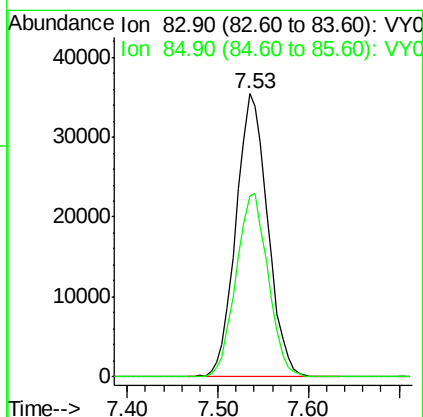
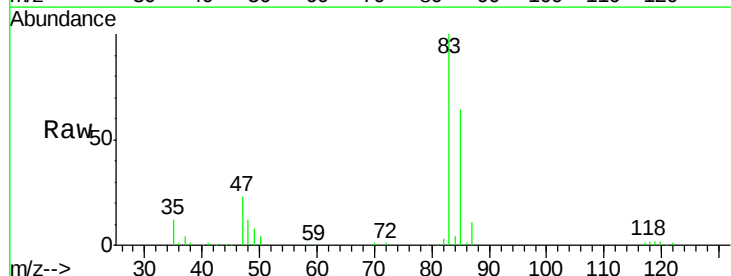
Instrument :
MSVOA_Y
ClientSampleId :
VY0131SBS01

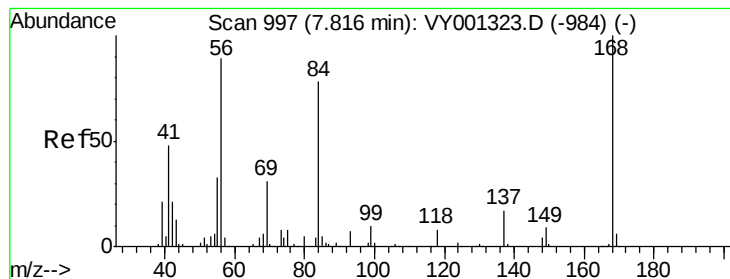
Tgt Ion: 42 Resp: 62243
Ion Ratio Lower Upper
42 100
72 41.5 34.6 51.8
71 39.7 32.6 48.8



#30
Chloroform
Concen: 22.37 ug/l
RT: 7.53 min Scan# 951
Delta R.T. -0.01 min
Lab File: VY001447.D
Acq: 31 Jan 2020 12:11

Tgt Ion: 83 Resp: 85919
Ion Ratio Lower Upper
83 100
85 63.8 51.5 77.3





#31

Cyclohexane

Concen: 23.30 ug/l

RT: 7.81 min Scan# 996

Delta R.T. -0.01 min

Lab File: VY001447.D

Acq: 31 Jan 2020 12:11

Instrument :

MSVOA_Y

ClientSampleId :

VY0131SBS01

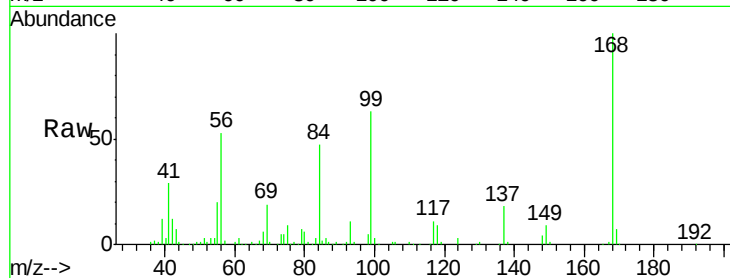
Tgt Ion: 56 Resp: 90638

Ion Ratio Lower Upper

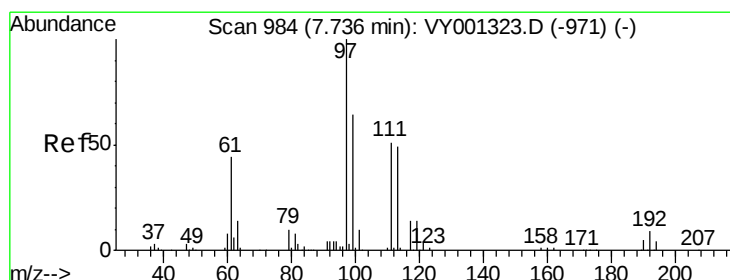
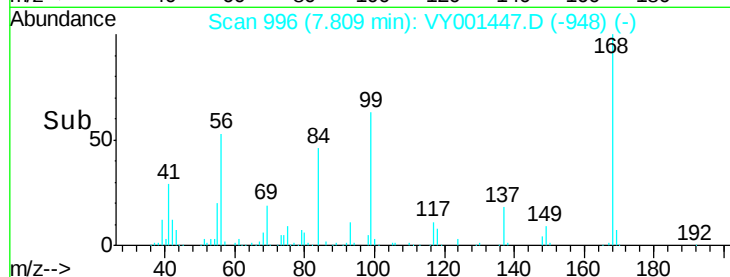
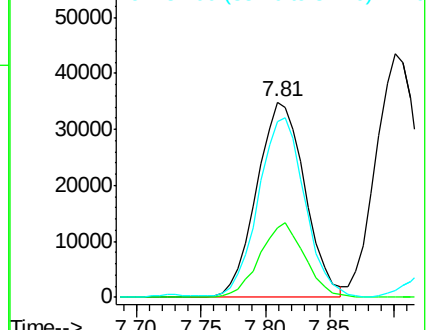
56 100

69 35.6 27.6 41.4

84 88.6 69.7 104.5



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



#32

1,1,1-Trichloroethane

Concen: 22.83 ug/l

RT: 7.73 min Scan# 983

Delta R.T. -0.01 min

Lab File: VY001447.D

Acq: 31 Jan 2020 12:11

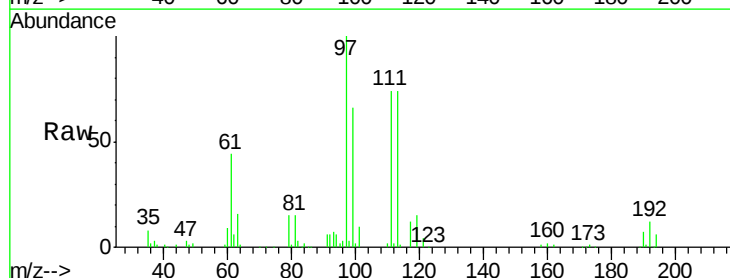
Tgt Ion: 97 Resp: 74011

Ion Ratio Lower Upper

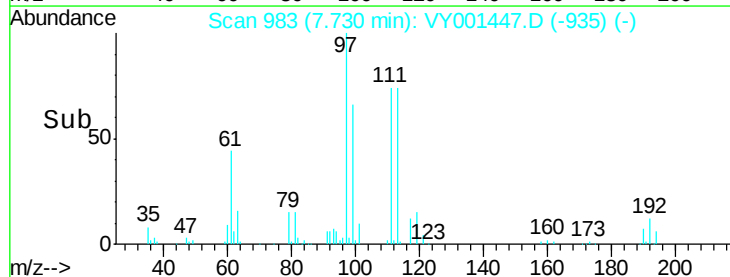
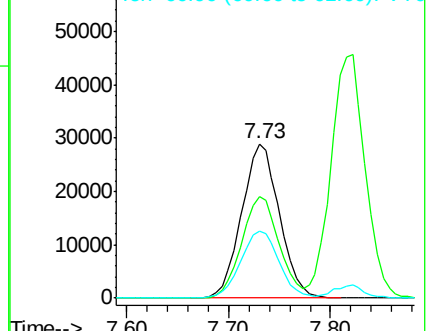
97 100

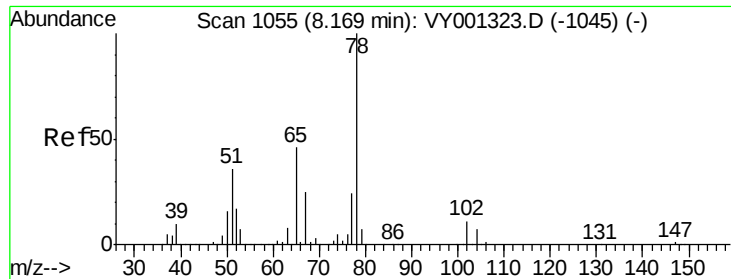
99 65.3 51.3 76.9

61 44.4 35.9 53.9



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

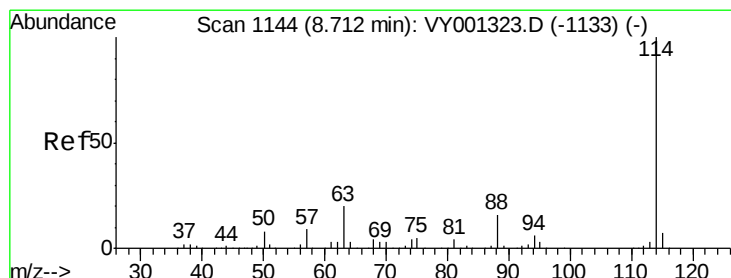
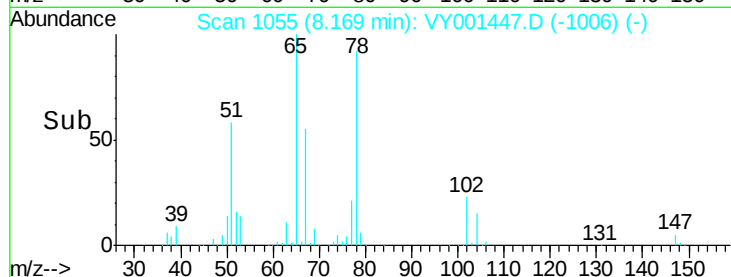
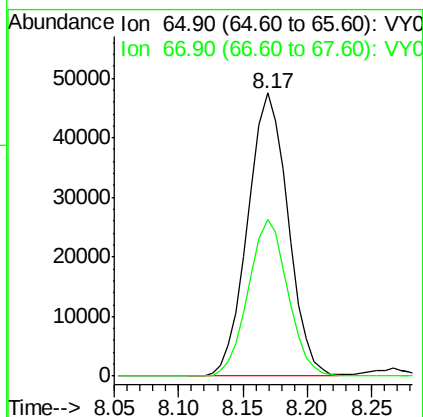
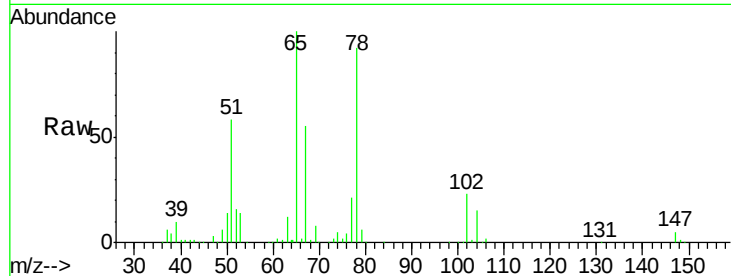




#33
 1,2-Dichloroethane-d4
 Concen: 51.19 ug/l
 RT: 8.17 min Scan# 1055
 Delta R.T. -0.00 min
 Lab File: VY001447.D
 Acq: 31 Jan 2020 12:11

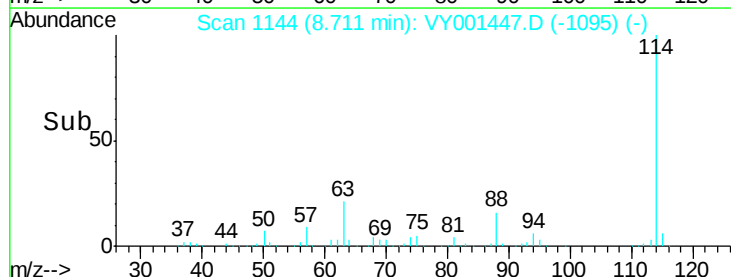
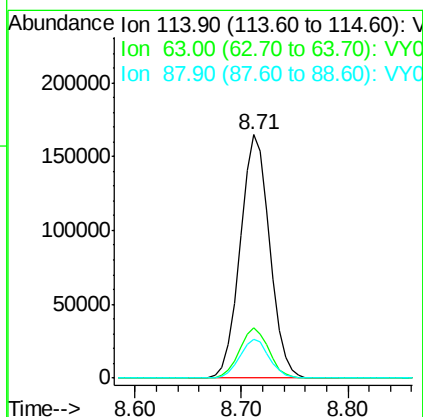
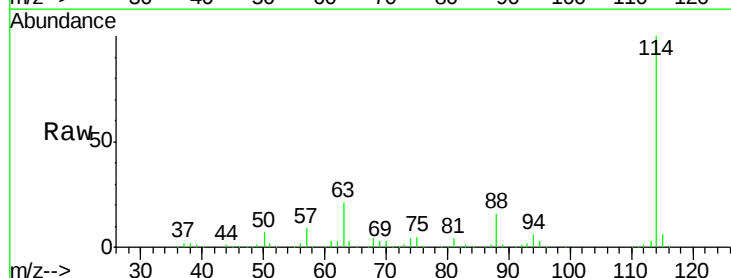
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0131SBS01

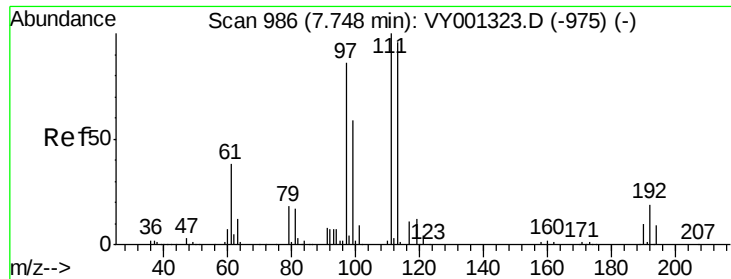
Tgt Ion: 65 Resp: 102977
 Ion Ratio Lower Upper
 65 100
 67 54.1 0.0 108.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.71 min Scan# 1144
 Delta R.T. -0.00 min
 Lab File: VY001447.D
 Acq: 31 Jan 2020 12:11

Tgt Ion: 114 Resp: 319916
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 40.8
 88 15.9 0.0 31.0

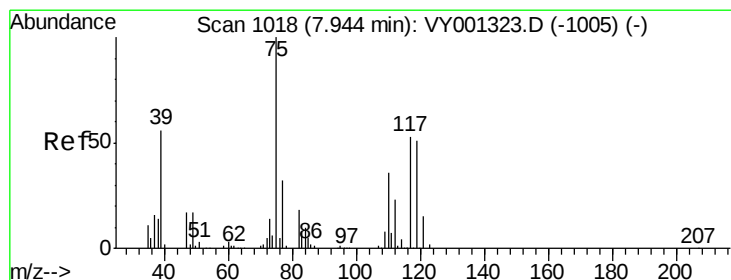
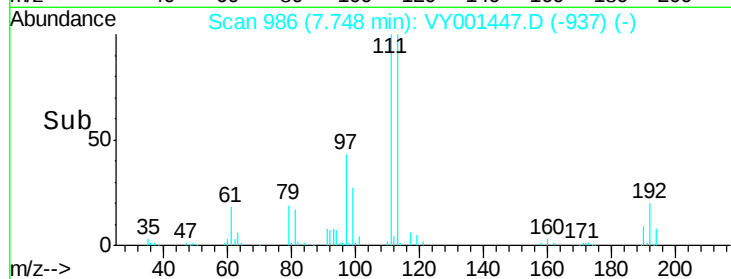
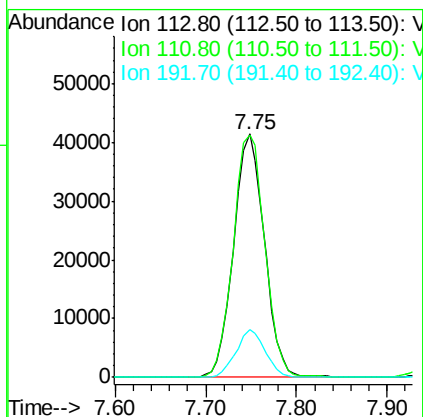
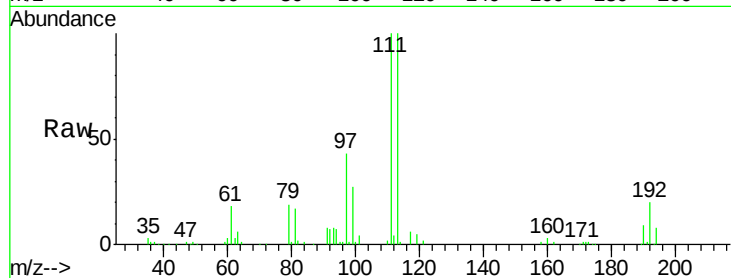




#35
 Dibromofluoromethane
 Concen: 51.99 ug/l
 RT: 7.75 min Scan# 986
 Delta R.T. -0.00 min
 Lab File: VY001447.D
 Acq: 31 Jan 2020 12:11

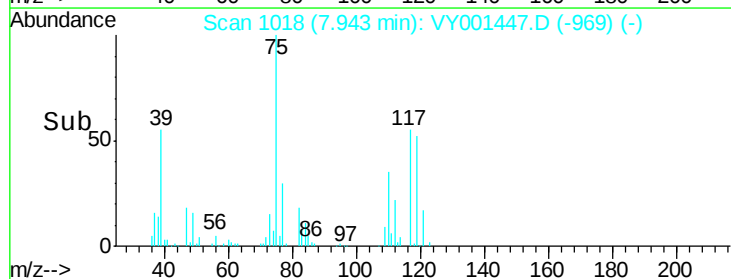
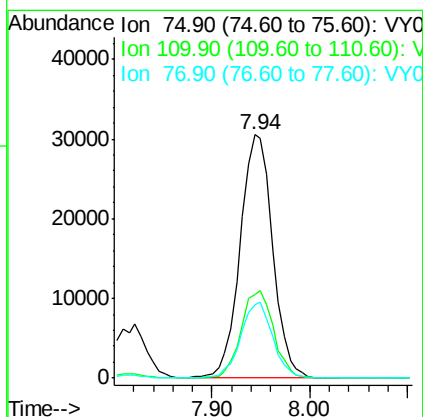
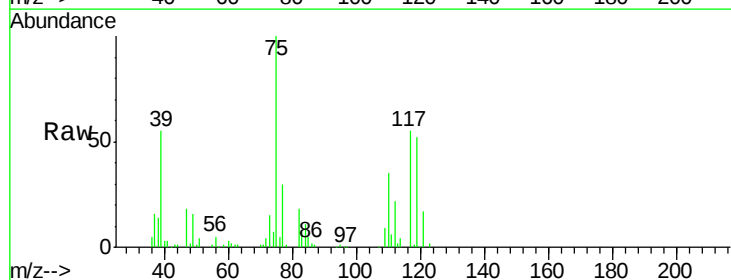
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0131SBS01

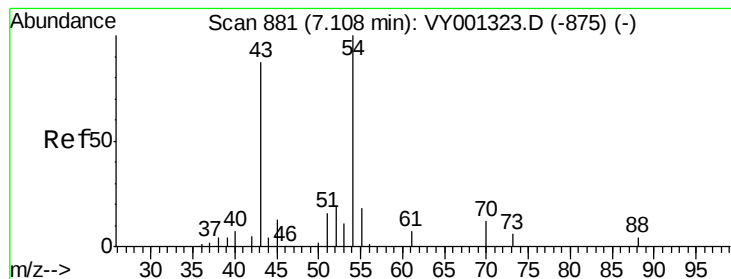
Tgt Ion:113 Resp: 97610
 Ion Ratio Lower Upper
 113 100
 111 102.5 82.8 124.2
 192 18.6 15.5 23.3



#36
 1,1-Dichloropropene
 Concen: 23.27 ug/l
 RT: 7.94 min Scan# 1018
 Delta R.T. -0.00 min
 Lab File: VY001447.D
 Acq: 31 Jan 2020 12:11

Tgt Ion: 75 Resp: 70328
 Ion Ratio Lower Upper
 75 100
 110 35.7 17.6 52.8
 77 30.7 24.7 37.1





#37

Ethyl Acetate

Concen: 22.48 ug/l

RT: 7.11 min Scan# 881

Delta R.T. -0.00 min

Lab File: VY001447.D

Acq: 31 Jan 2020 12:11

Instrument :

MSVOA_Y

ClientSampleId :

VY0131SBS01

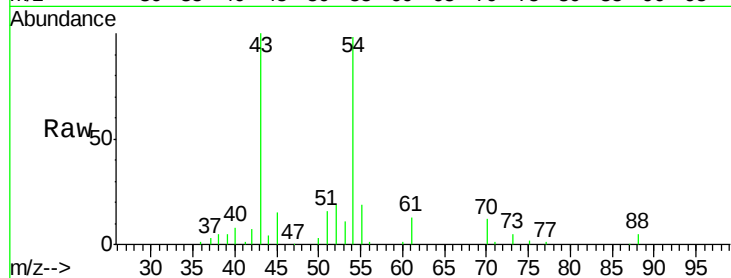
Tgt Ion: 43 Resp: 41503

Ion Ratio Lower Upper

43 100

61 14.3 11.3 16.9

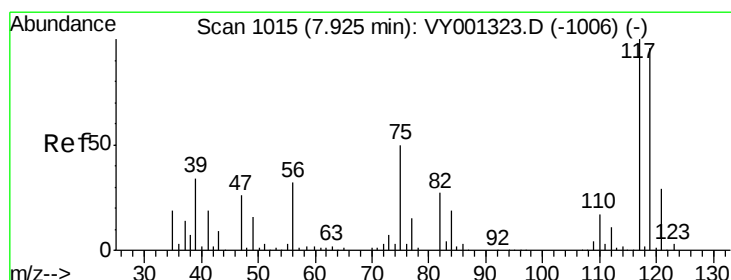
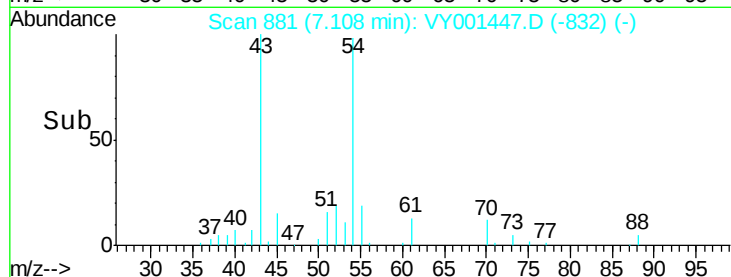
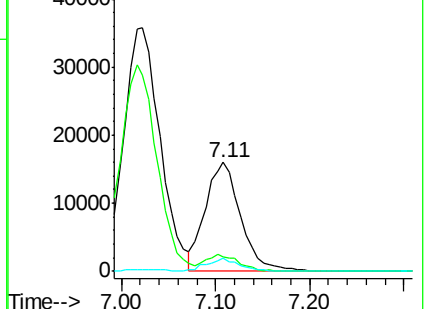
70 11.0 8.7 13.1



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 60.90 (60.60 to 61.60): VY0

Ion 70.00 (69.70 to 70.70): VY0



#38

Carbon Tetrachloride

Concen: 23.71 ug/l

RT: 7.93 min Scan# 1015

Delta R.T. -0.00 min

Lab File: VY001447.D

Acq: 31 Jan 2020 12:11

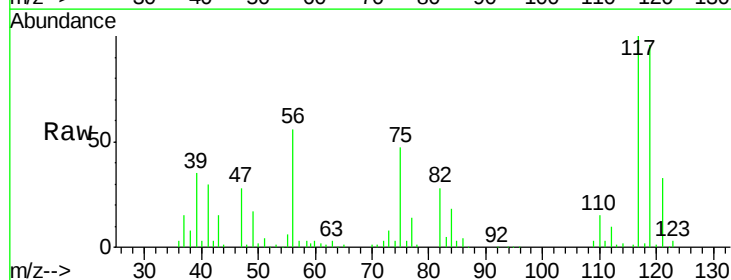
Tgt Ion: 117 Resp: 63874

Ion Ratio Lower Upper

117 100

119 96.1 76.3 114.5

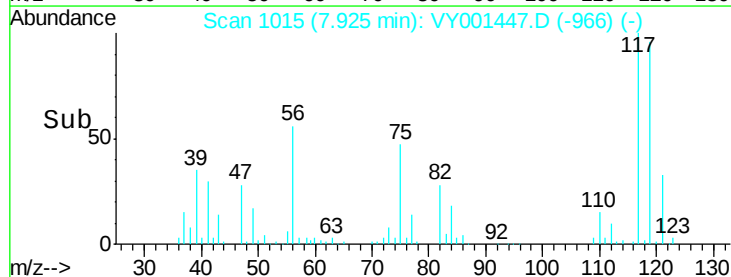
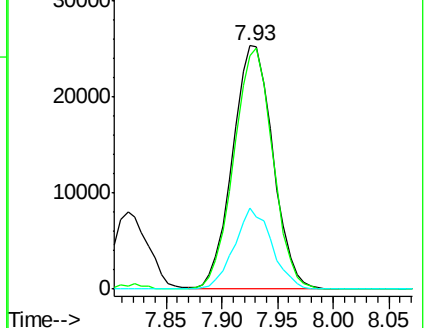
121 33.2 23.5 35.3

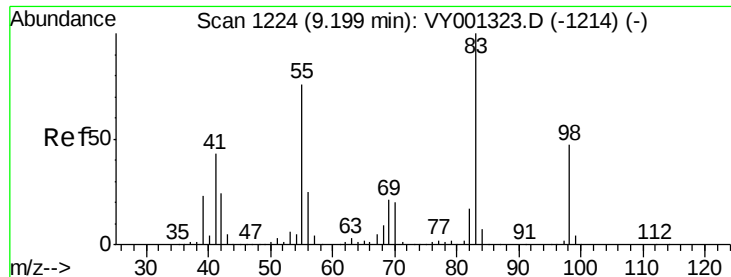


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

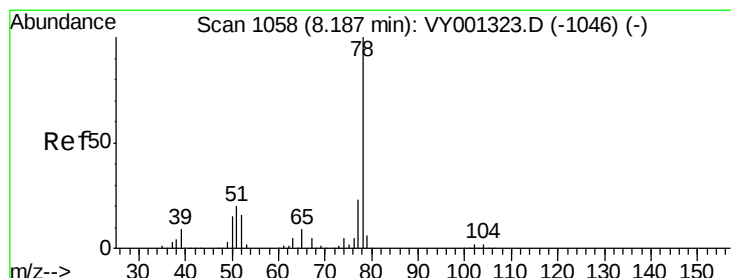
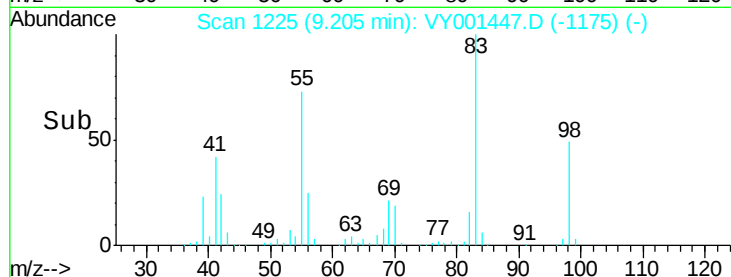
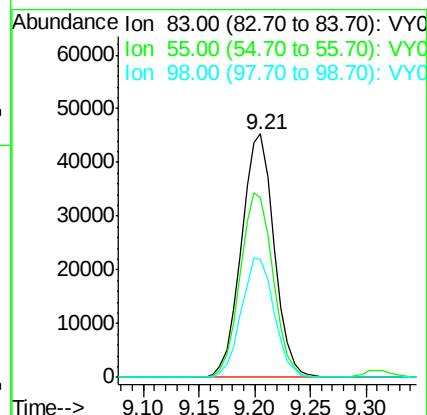
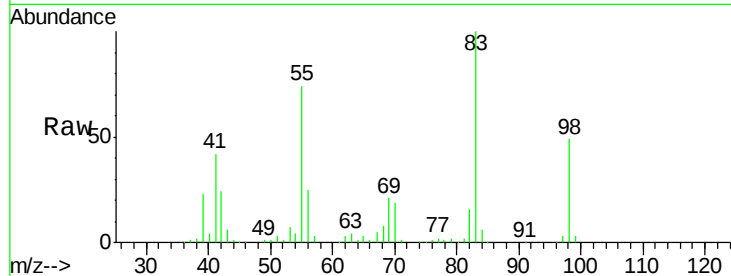




#39
Methylcyclohexane
Concen: 23.81 ug/l
RT: 9.21 min Scan# 1225
Delta R.T. 0.01 min
Lab File: VY001447.D
Acq: 31 Jan 2020 12:11

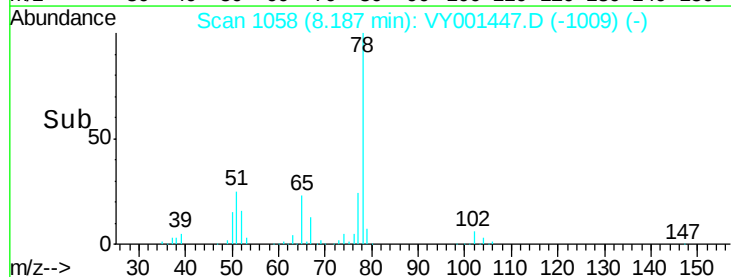
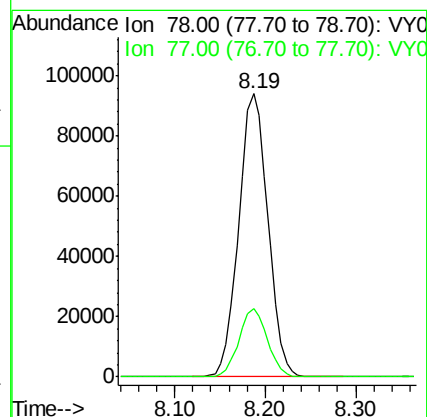
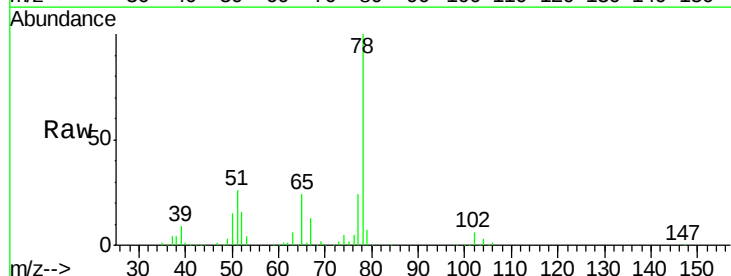
Instrument :
MSVOA_Y
ClientSampleId :
VY0131SBS01

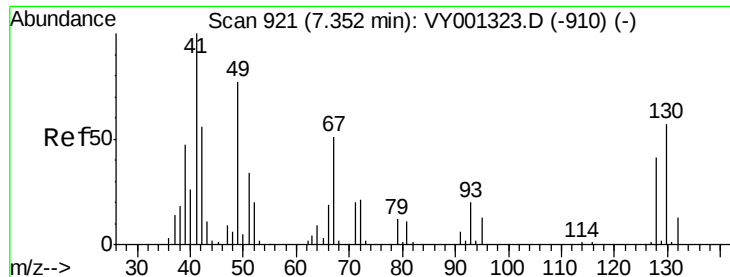
Tgt Ion: 83 Resp: 92178
Ion Ratio Lower Upper
83 100
55 73.6 60.7 91.1
98 48.7 37.8 56.8



#40
Benzene
Concen: 23.12 ug/l
RT: 8.19 min Scan# 1058
Delta R.T. -0.00 min
Lab File: VY001447.D
Acq: 31 Jan 2020 12:11

Tgt Ion: 78 Resp: 209531
Ion Ratio Lower Upper
78 100
77 24.0 18.6 27.8

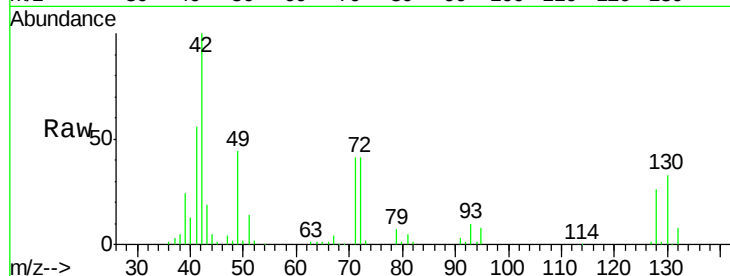




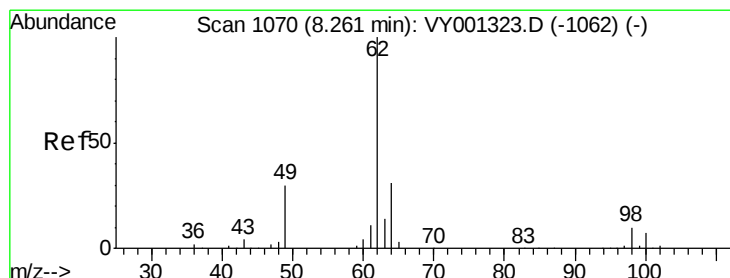
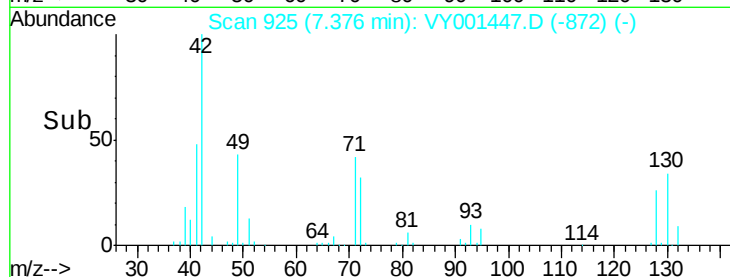
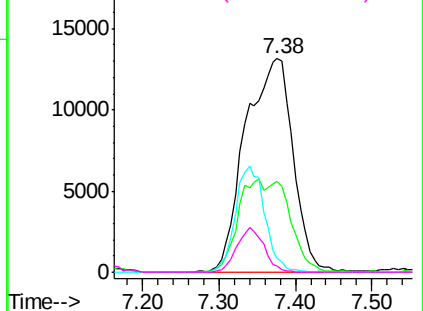
#41
Methacrylonitrile
Concen: 59.70 ug/l
RT: 7.38 min Scan# 925
Delta R.T. 0.02 min
Lab File: VY001447.D
Acq: 31 Jan 2020 12:11

Instrument :
MSVOA_Y
ClientSampleId :
VY0131SBS01

Tgt Ion:	41	Resp:	56889
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0

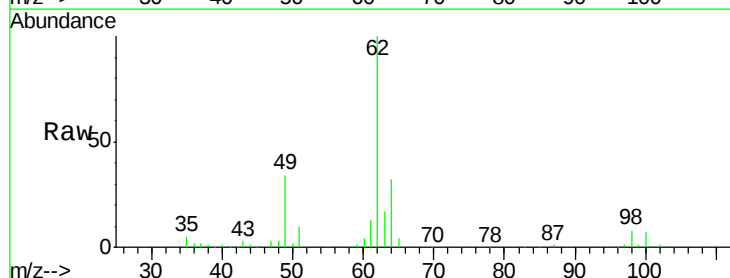


Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 39.00 (38.70 to 39.70): VY0
Ion 67.00 (66.70 to 67.70): VY0
Ion 52.00 (51.70 to 52.70): VY0

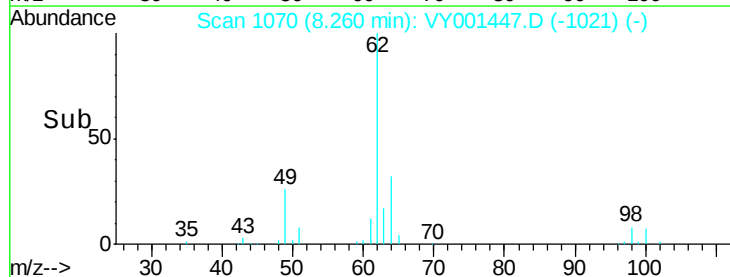
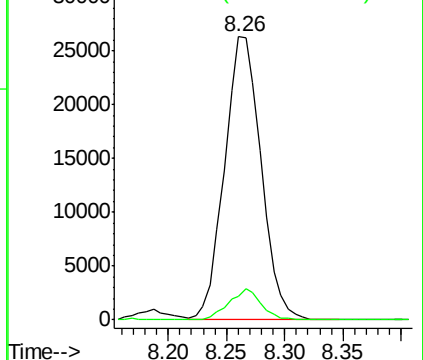


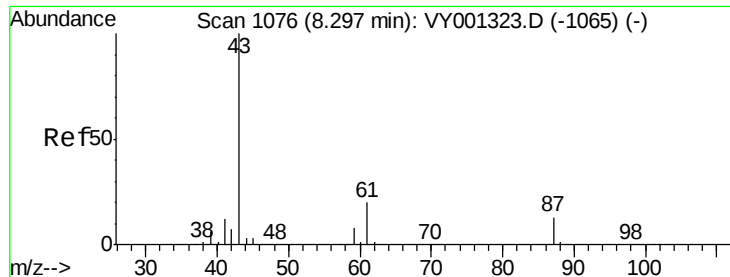
#42
1,2-Dichloroethane
Concen: 22.68 ug/l
RT: 8.26 min Scan# 1070
Delta R.T. -0.00 min
Lab File: VY001447.D
Acq: 31 Jan 2020 12:11

Tgt Ion:	62	Resp:	57432
Ion	Ratio	Lower	Upper
62	100		
98	9.7	0.0	20.8



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





#43

Isopropyl Acetate

Concen: 22.35 ug/l

RT: 8.30 min Scan# 1076

Delta R.T. -0.00 min

Lab File: VY001447.D

Acq: 31 Jan 2020 12:11

Instrument :

MSVOA_Y

ClientSampleId :

VY0131SBS01

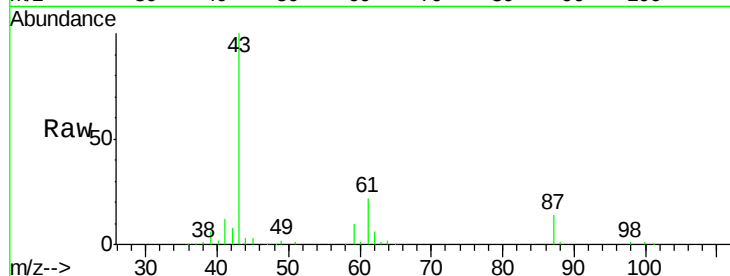
Tgt Ion: 43 Resp: 80237

Ion Ratio Lower Upper

43 100

61 29.2 22.7 34.1

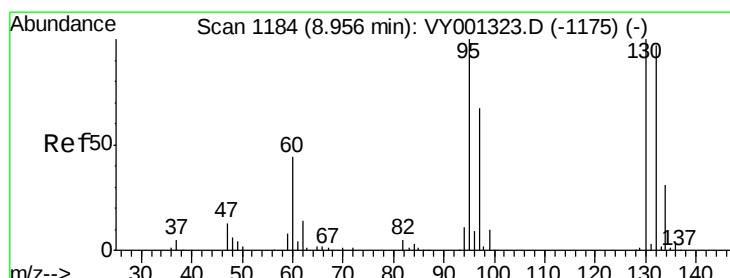
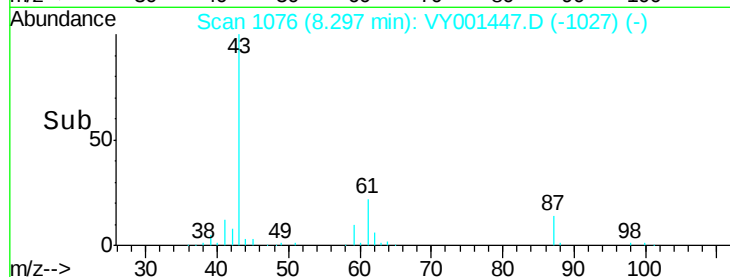
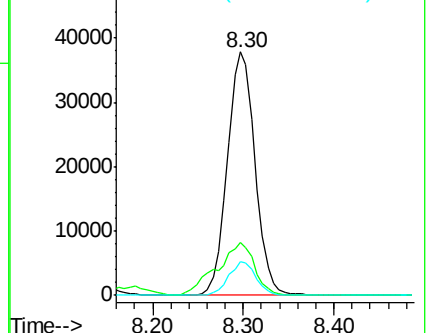
87 13.7 11.0 16.4



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: 22.91 ug/l

RT: 8.96 min Scan# 1185

Delta R.T. 0.01 min

Lab File: VY001447.D

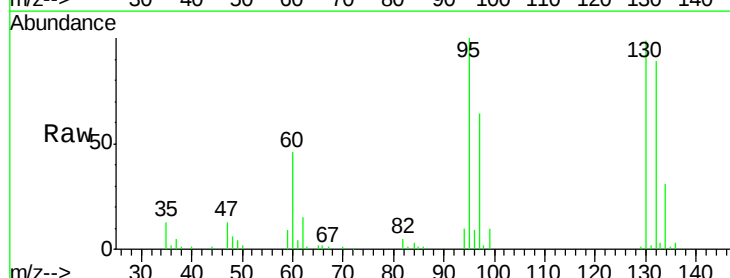
Acq: 31 Jan 2020 12:11

Tgt Ion: 130 Resp: 53279

Ion Ratio Lower Upper

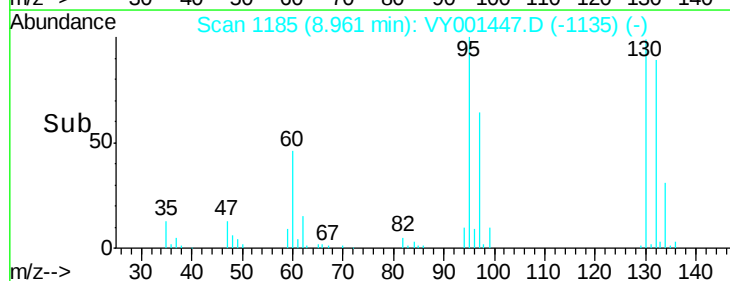
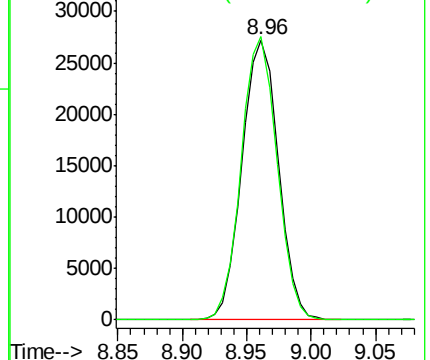
130 100

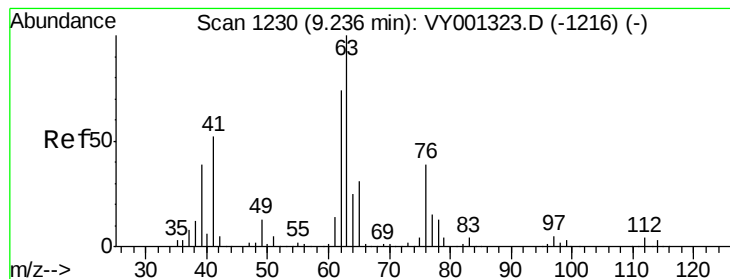
95 101.1 0.0 200.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VY0





#45

1,2-Dichloropropane

Concen: 23.16 ug/l

RT: 9.24 min Scan# 1230

Delta R.T. -0.00 min

Lab File: VY001447.D

Acq: 31 Jan 2020 12:11

Instrument :

MSVOA_Y

ClientSampleId :

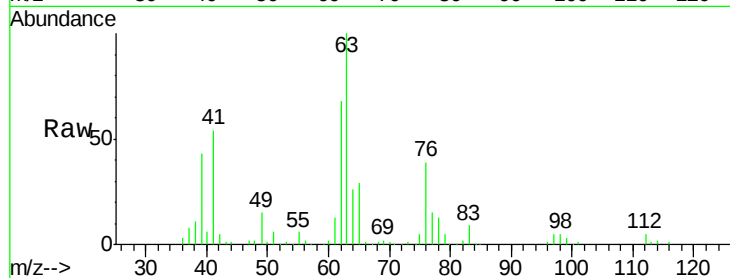
VY0131SBS01

Tgt Ion: 63 Resp: 53065

Ion Ratio Lower Upper

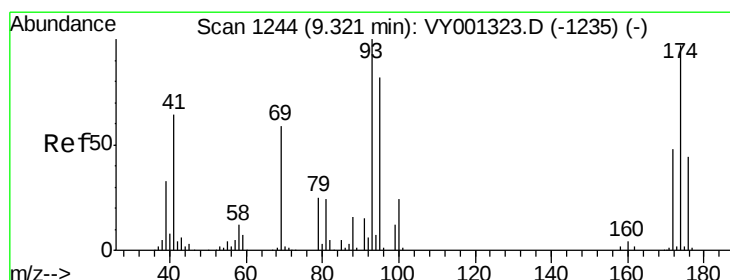
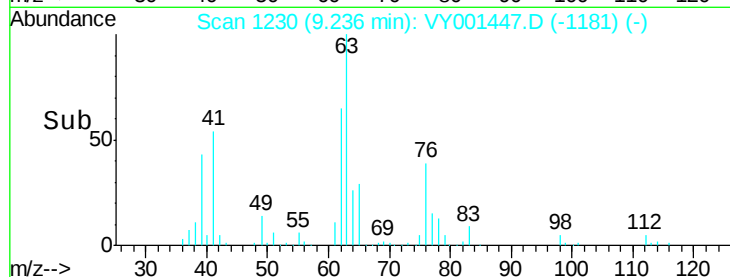
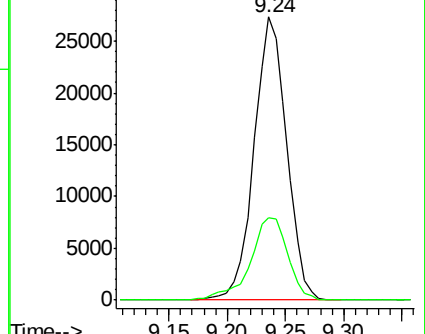
63 100

65 29.3 24.9 37.3



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 64.90 (64.60 to 65.60): VY0



#46

Dibromomethane

Concen: 22.49 ug/l

RT: 9.33 min Scan# 1245

Delta R.T. 0.01 min

Lab File: VY001447.D

Acq: 31 Jan 2020 12:11

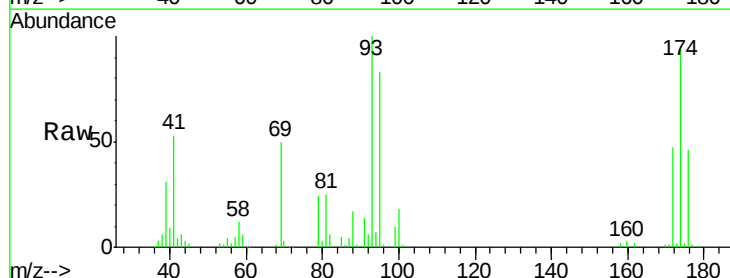
Tgt Ion: 93 Resp: 27656

Ion Ratio Lower Upper

93 100

95 80.2 66.5 99.7

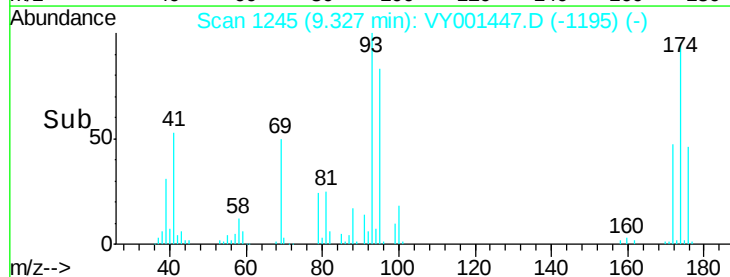
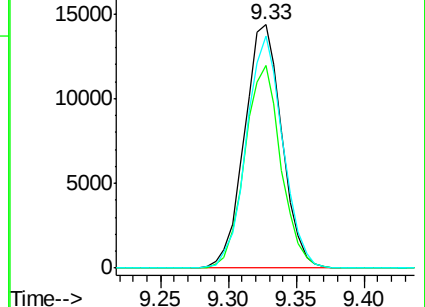
174 92.8 77.9 116.9

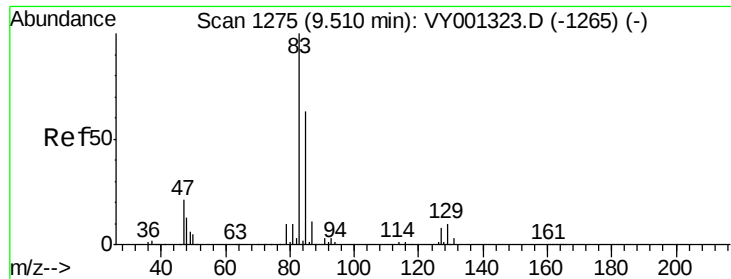


Abundance Ion 92.80 (92.50 to 93.50): VY0

Ion 94.80 (94.50 to 95.50): VY0

Ion 173.70 (173.40 to 174.40): VY0





#47

Bromodichloromethane

Concen: 22.46 ug/l

RT: 9.52 min Scan# 1276

Delta R.T. 0.01 min

Lab File: VY001447.D

Acq: 31 Jan 2020 12:11

Instrument :

MSVOA_Y

ClientSampleId :

VY0131SBS01

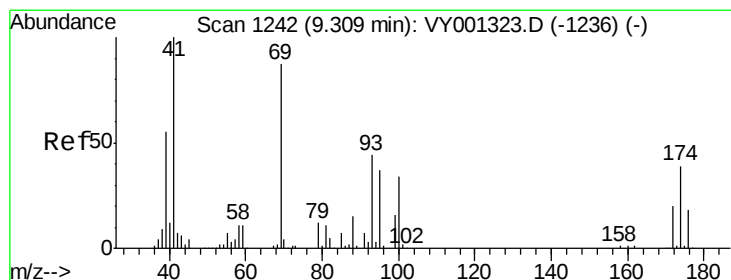
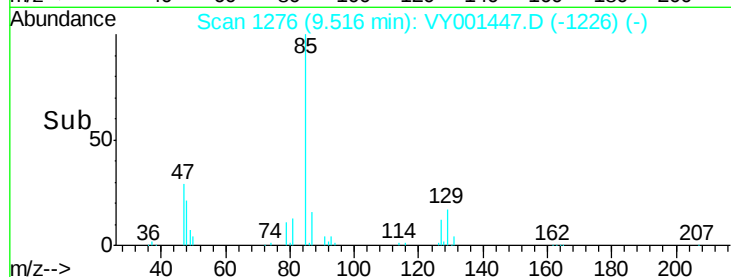
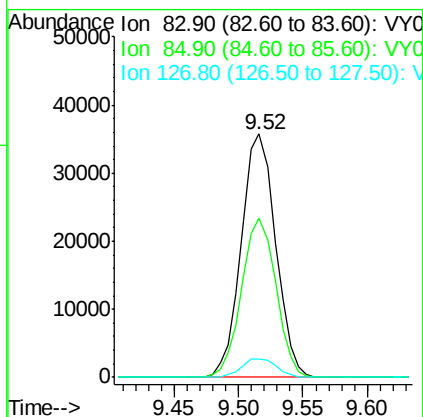
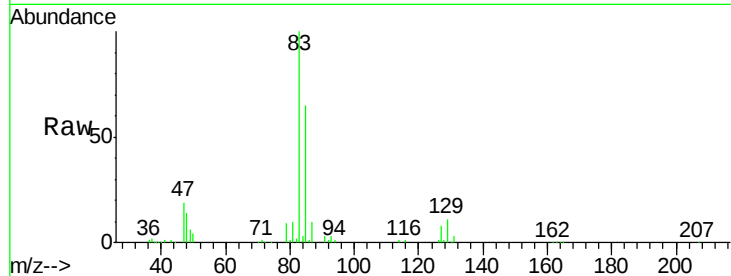
Tgt Ion: 83 Resp: 66030

Ion Ratio Lower Upper

83 100

85 65.1 50.2 75.2

127 7.5 6.4 9.6



#48

Methyl methacrylate

Concen: 21.63 ug/l

RT: 9.31 min Scan# 1242

Delta R.T. -0.00 min

Lab File: VY001447.D

Acq: 31 Jan 2020 12:11

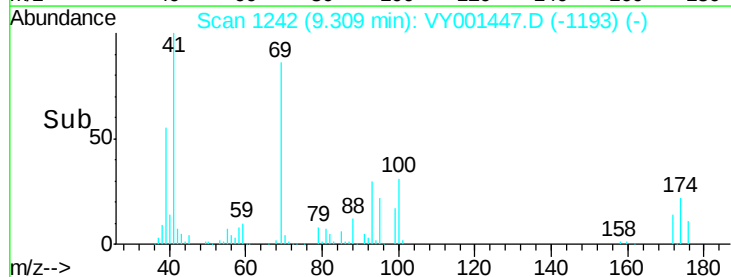
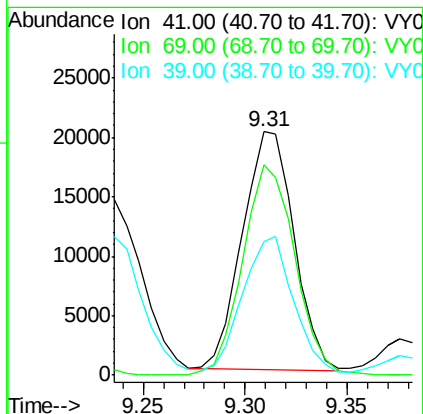
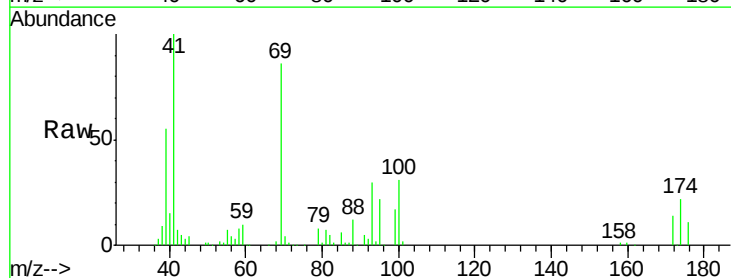
Tgt Ion: 41 Resp: 35303

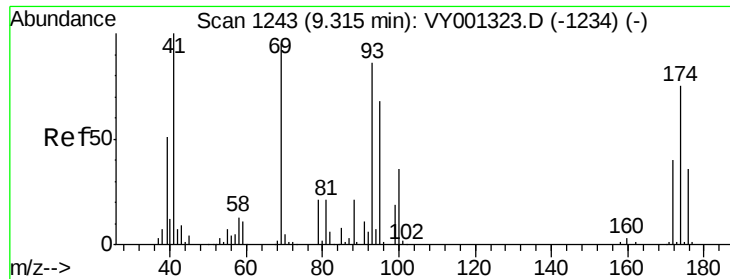
Ion Ratio Lower Upper

41 100

69 89.7 70.2 105.4

39 58.9 45.7 68.5





#49

1,4-Dioxane

Concen: 428.16 ug/l

RT: 9.32 min Scan# 1243

Delta R.T. -0.00 min

Lab File: VY001447.D

Acq: 31 Jan 2020 12:11

Instrument :

MSVOA_Y

ClientSampleId :

VY0131SBS01

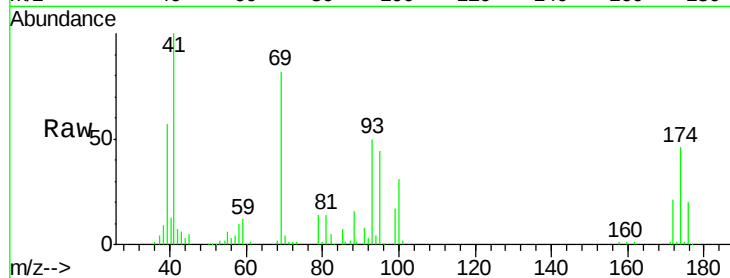
Tgt Ion: 88 Resp: 7426

Ion Ratio Lower Upper

88 100

43 34.4 28.2 42.2

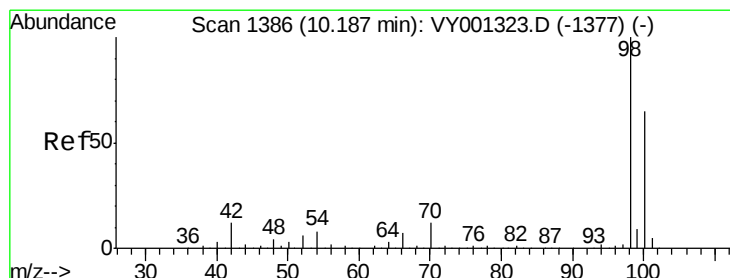
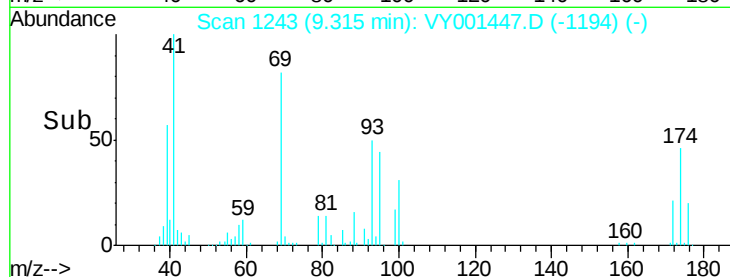
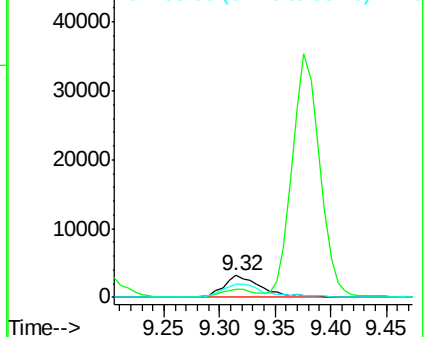
58 64.1 55.6 83.4



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: 54.35 ug/l

RT: 10.19 min Scan# 1387

Delta R.T. 0.01 min

Lab File: VY001447.D

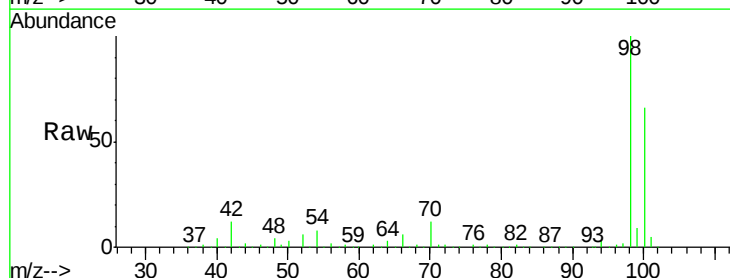
Acq: 31 Jan 2020 12:11

Tgt Ion: 98 Resp: 396483

Ion Ratio Lower Upper

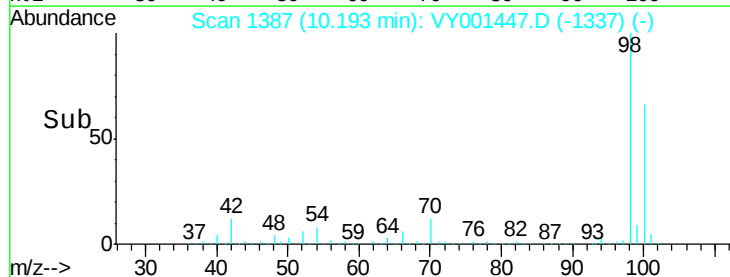
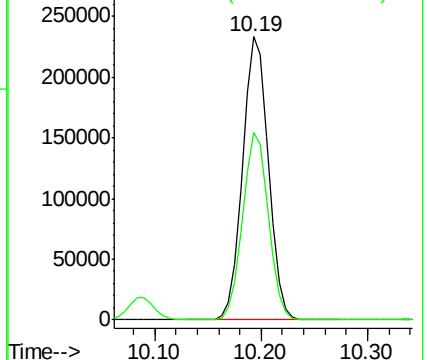
98 100

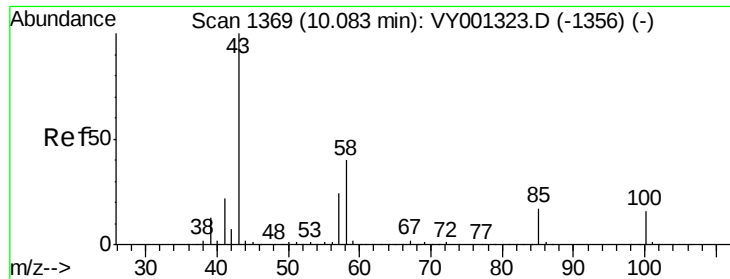
100 66.3 52.6 79.0



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: 112.66 ug/l

RT: 10.09 min Scan# 1370

Delta R.T. 0.01 min

Lab File: VY001447.D

Acq: 31 Jan 2020 12:11

Instrument :

MSVOA_Y

ClientSampled :

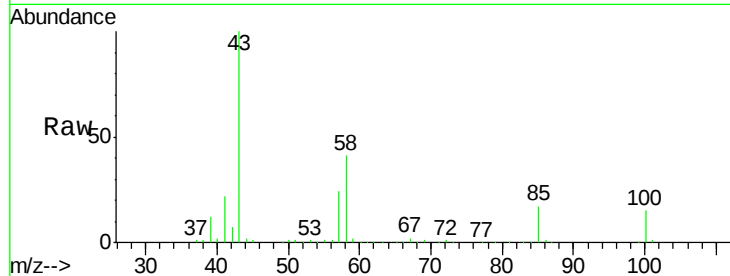
VY0131SBS01

Tgt Ion: 43 Resp: 208329

Ion Ratio Lower Upper

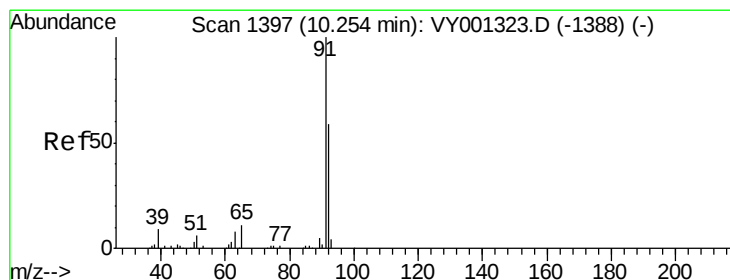
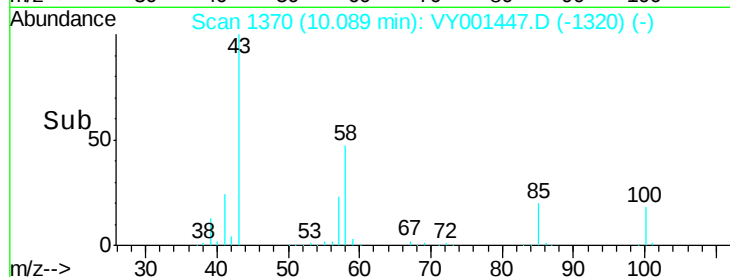
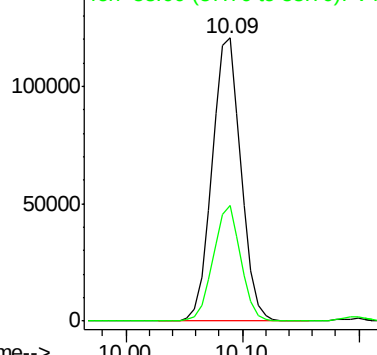
43 100

58 39.1 31.5 47.3



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0



#52

Toluene

Concen: 22.88 ug/l

RT: 10.26 min Scan# 1398

Delta R.T. 0.01 min

Lab File: VY001447.D

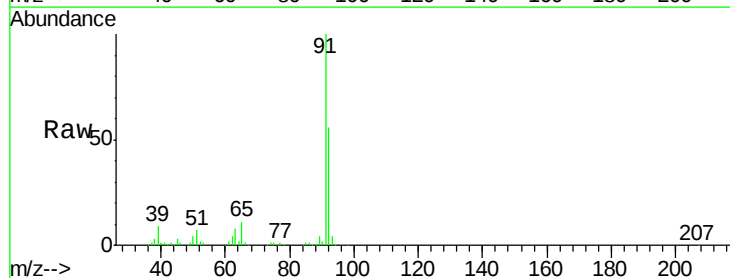
Acq: 31 Jan 2020 12:11

Tgt Ion: 92 Resp: 131431

Ion Ratio Lower Upper

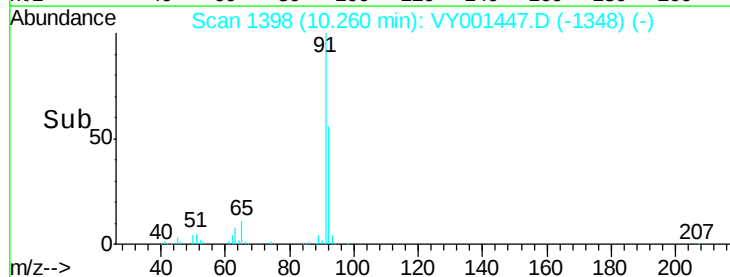
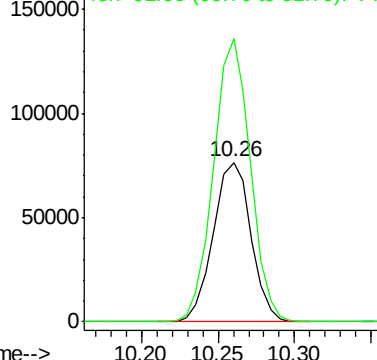
92 100

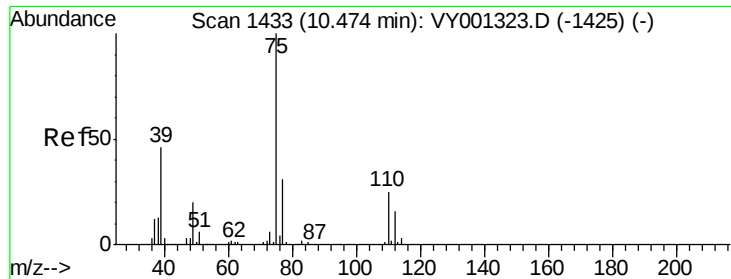
91 172.8 136.4 204.6



Abundance Ion 92.00 (91.70 to 92.70): VY0

Ion 91.00 (90.70 to 91.70): VY0





#53

t-1,3-Dichloropropene

Concen: 22.64 ug/l

RT: 10.48 min Scan# 1434

Delta R.T. 0.01 min

Lab File: VY001447.D

Acq: 31 Jan 2020 12:11

Instrument :

MSVOA_Y

ClientSampleId :

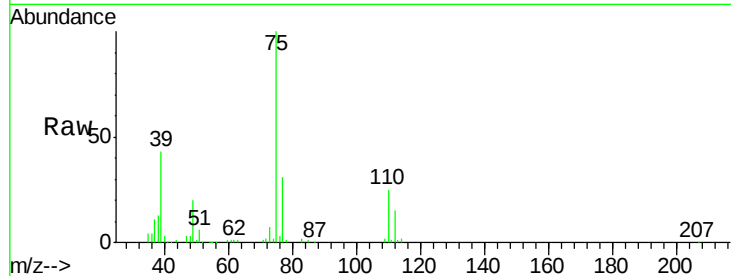
VY0131SBS01

Tgt Ion: 75 Resp: 73791

Ion Ratio Lower Upper

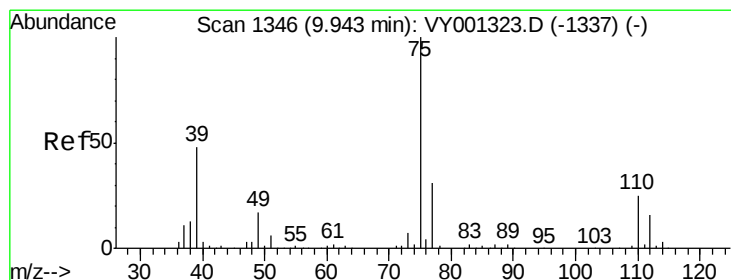
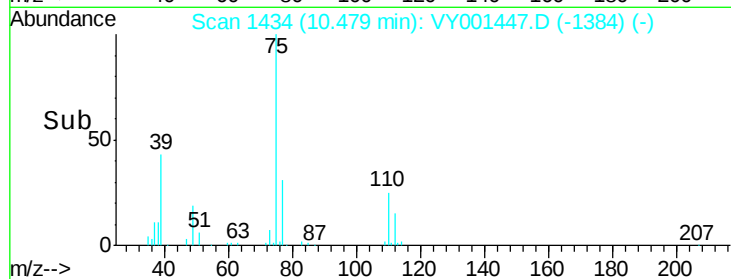
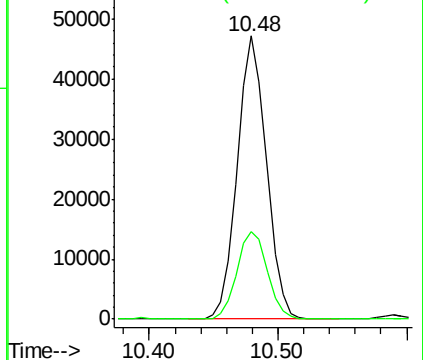
75 100

77 31.1 25.2 37.8



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0



#54

cis-1,3-Dichloropropene

Concen: 22.77 ug/l

RT: 9.94 min Scan# 1346

Delta R.T. -0.00 min

Lab File: VY001447.D

Acq: 31 Jan 2020 12:11

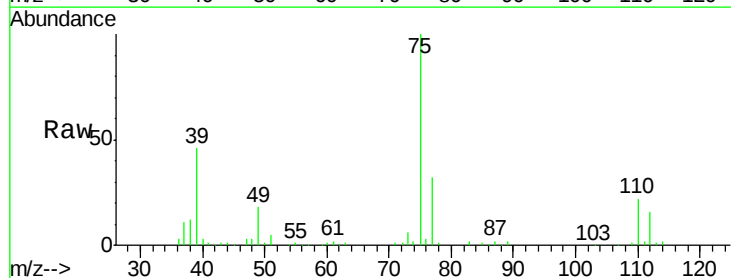
Tgt Ion: 75 Resp: 85180

Ion Ratio Lower Upper

75 100

77 31.8 25.0 37.6

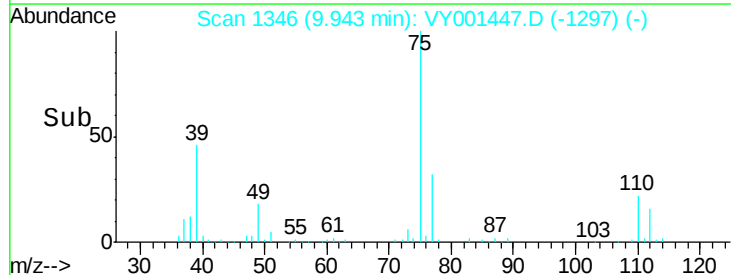
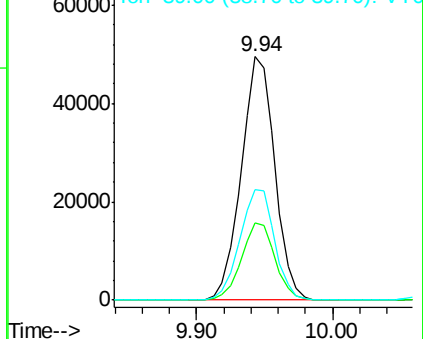
39 45.5 38.2 57.4

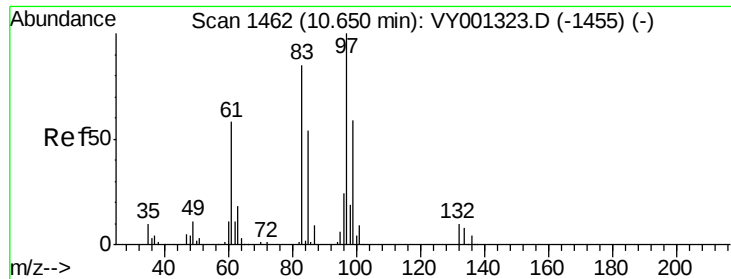


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0

Ion 39.00 (38.70 to 39.70): VY0





#55

1,1,2-Trichloroethane

Concen: 22.40 ug/l

RT: 10.66 min Scan# 1463

Delta R.T. 0.01 min

Lab File: VY001447.D

Acq: 31 Jan 2020 12:11

Instrument :

MSVOA_Y

ClientSampleId :

VY0131SBS01

Tgt Ion: 97 Resp: 40658

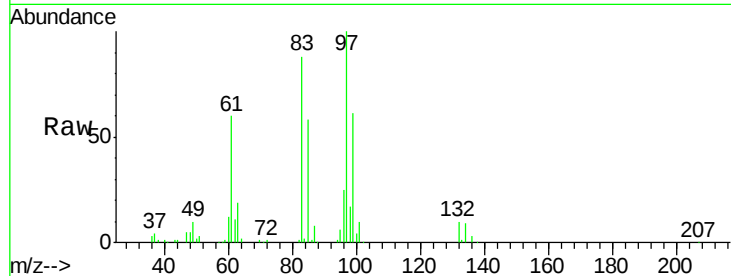
Ion Ratio Lower Upper

97 100

83 87.7 68.0 102.0

85 57.7 43.6 65.4

99 60.8 47.1 70.7

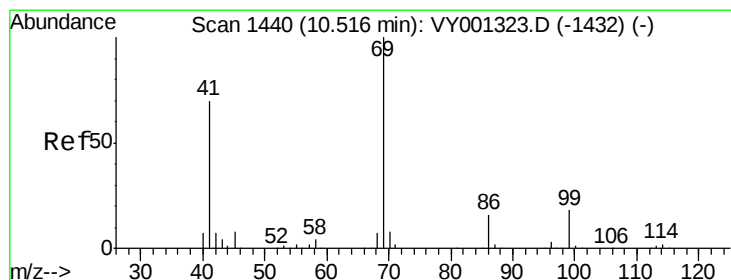
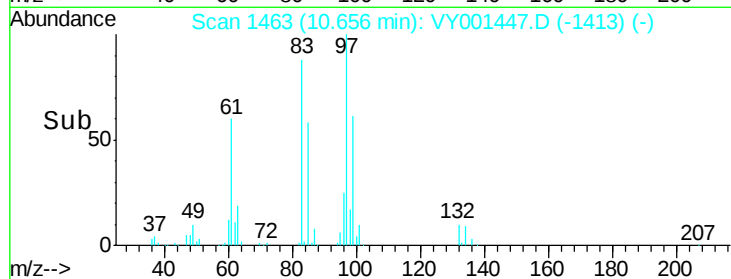
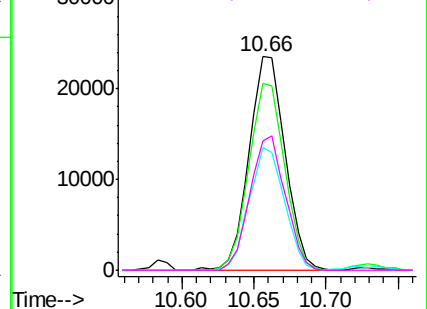


Abundance Ion 96.90 (96.60 to 97.60): VY0

Ion 82.90 (82.60 to 83.60): VY0

Ion 84.90 (84.60 to 85.60): VY0

Ion 98.90 (98.60 to 99.60): VY0



#56

Ethyl methacrylate

Concen: 22.37 ug/l

RT: 10.52 min Scan# 1441

Delta R.T. 0.01 min

Lab File: VY001447.D

Acq: 31 Jan 2020 12:11

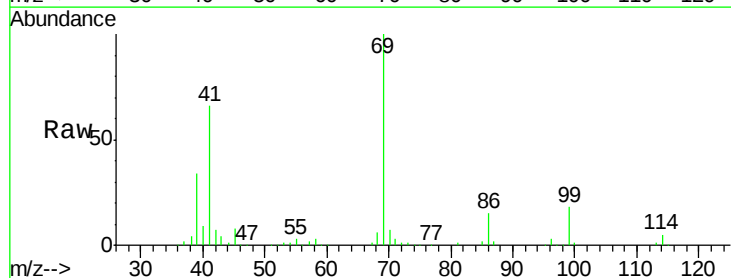
Tgt Ion: 69 Resp: 61386

Ion Ratio Lower Upper

69 100

41 66.3 54.1 81.1

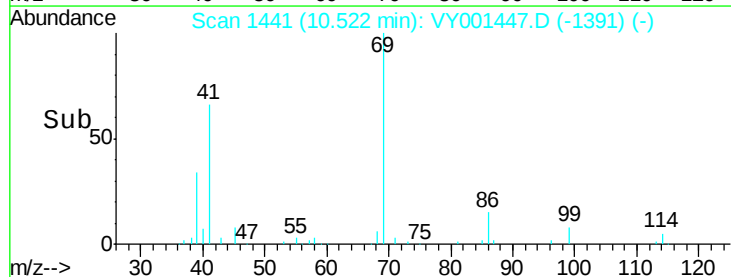
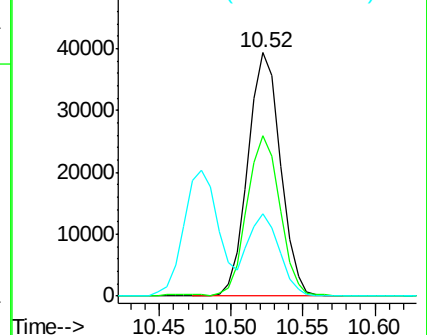
39 32.6 26.8 40.2

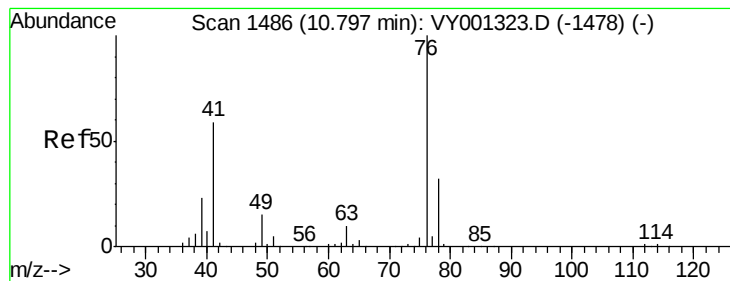


Abundance Ion 69.00 (68.70 to 69.70): VY0

Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0





#57

1,3-Dichloropropane

Concen: 22.78 ug/l

RT: 10.80 min Scan# 1487

Delta R.T. 0.01 min

Lab File: VY001447.D

Acq: 31 Jan 2020 12:11

Instrument :

MSVOA_Y

ClientSampleId :

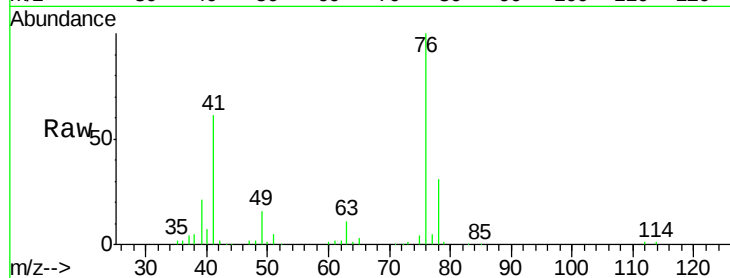
VY0131SBS01

Tgt Ion: 76 Resp: 72022

Ion Ratio Lower Upper

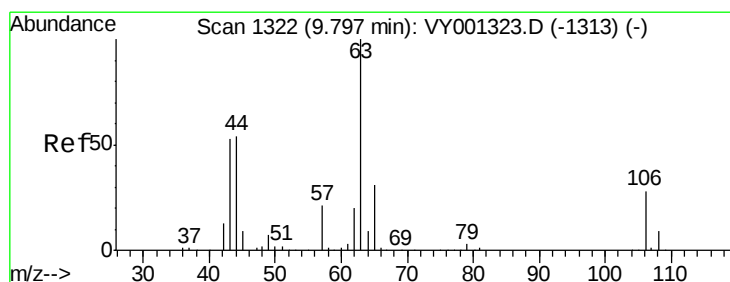
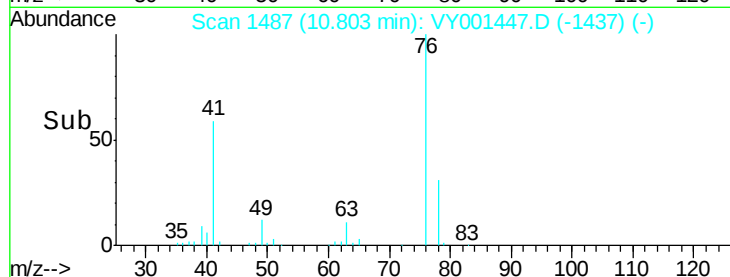
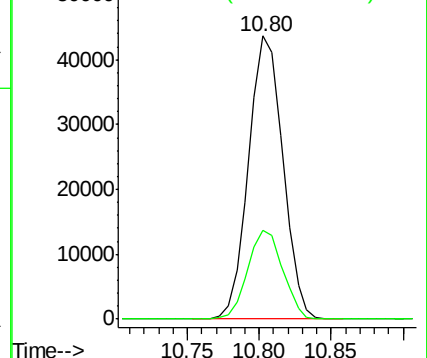
76 100

78 31.9 25.8 38.8



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#58

2-Chloroethyl Vinyl ether

Concen: 105.92 ug/l

RT: 9.80 min Scan# 1322

Delta R.T. -0.00 min

Lab File: VY001447.D

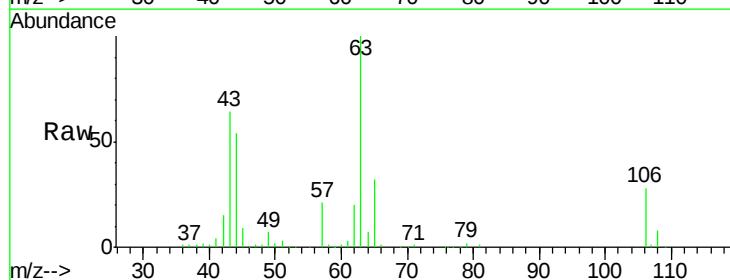
Acq: 31 Jan 2020 12:11

Tgt Ion: 63 Resp: 100561

Ion Ratio Lower Upper

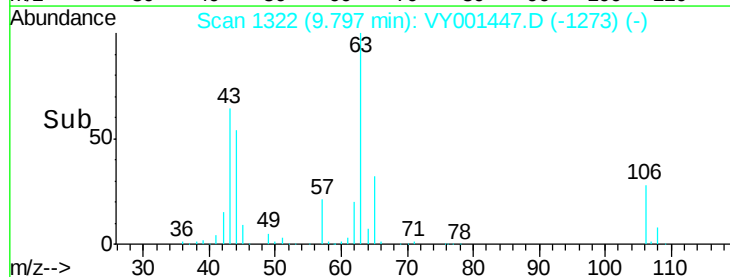
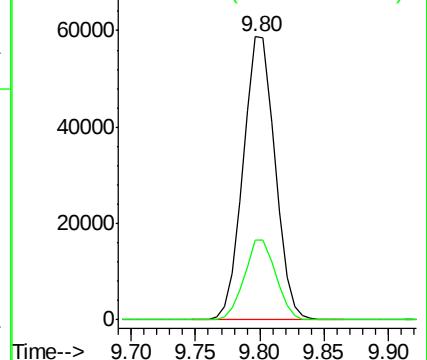
63 100

106 28.0 22.5 33.7



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V

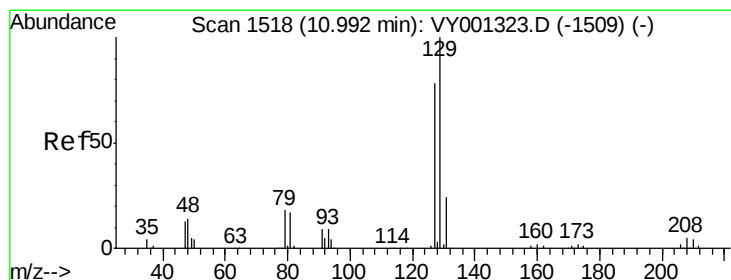
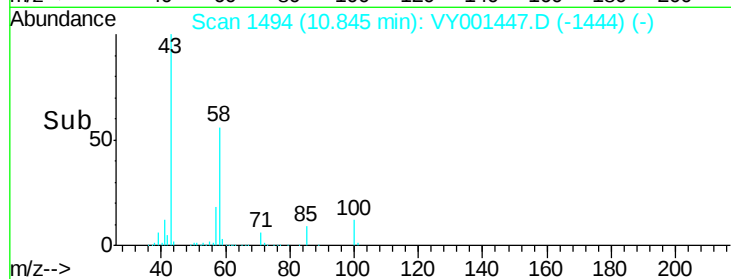
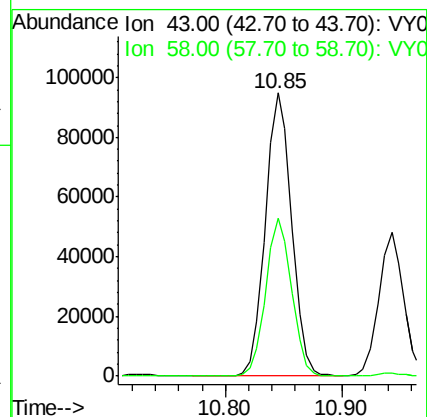
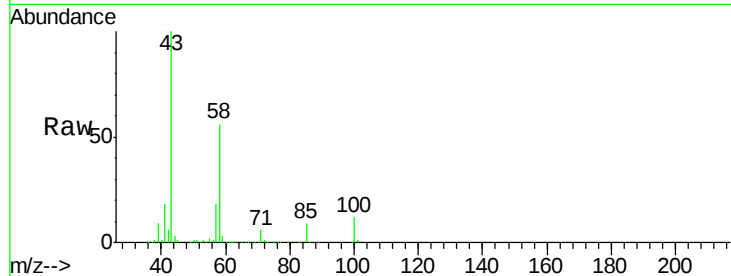




#59
2-Hexanone
Concen: 115.09 ug/l
RT: 10.85 min Scan# 1494
Delta R.T. 0.01 min
Lab File: VY001447.D
Acq: 31 Jan 2020 12:11

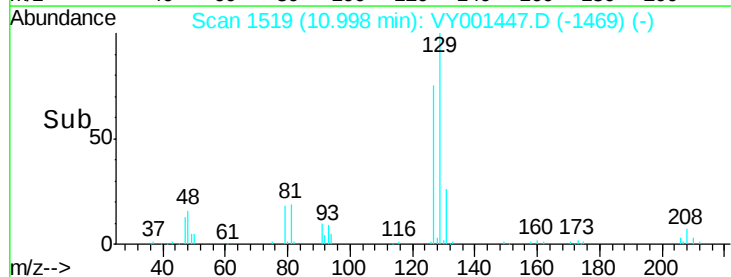
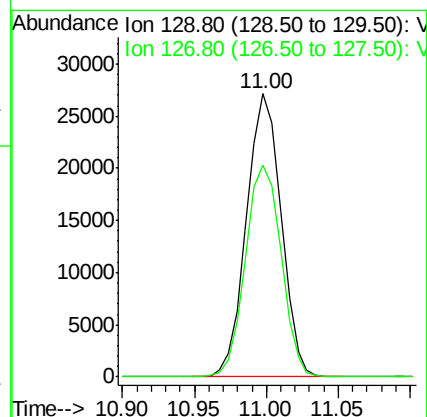
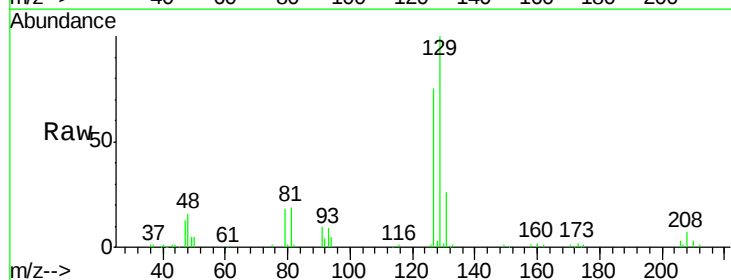
Instrument :
MSVOA_Y
ClientSampleId :
VY0131SBS01

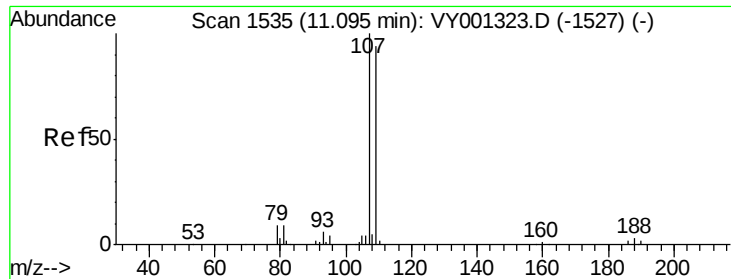
Tgt Ion: 43 Resp: 148161
Ion Ratio Lower Upper
43 100
58 55.0 27.6 82.8



#60
Dibromochloromethane
Concen: 22.31 ug/l
RT: 11.00 min Scan# 1519
Delta R.T. 0.01 min
Lab File: VY001447.D
Acq: 31 Jan 2020 12:11

Tgt Ion: 129 Resp: 45287
Ion Ratio Lower Upper
129 100
127 77.1 38.8 116.4

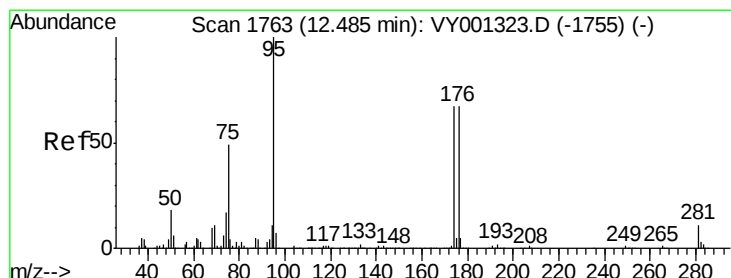
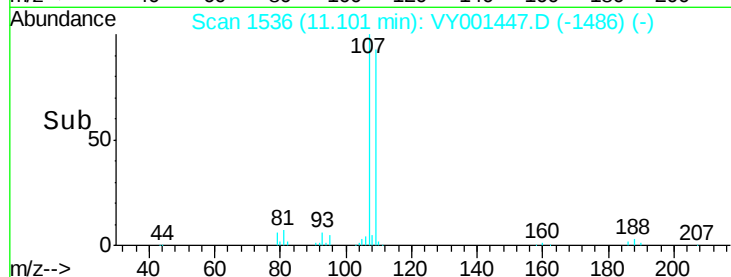
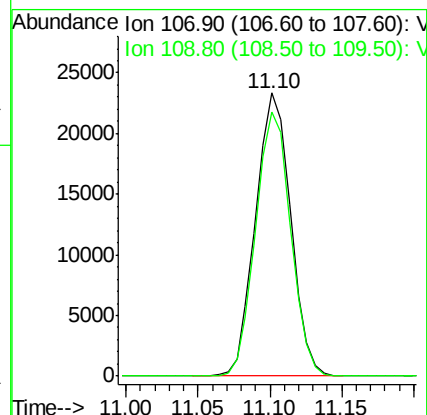
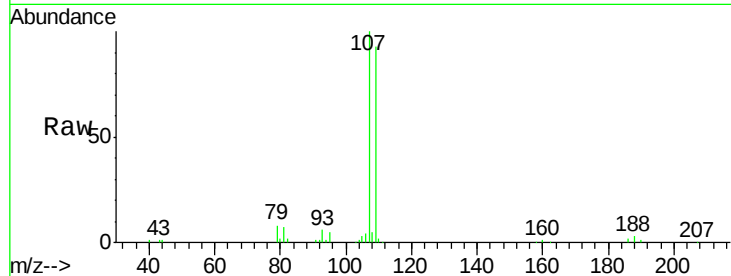




#61
 1,2-Dibromoethane
 Concen: 22.95 ug/l
 RT: 11.10 min Scan# 1536
 Delta R.T. 0.01 min
 Lab File: VY001447.D
 Acq: 31 Jan 2020 12:11

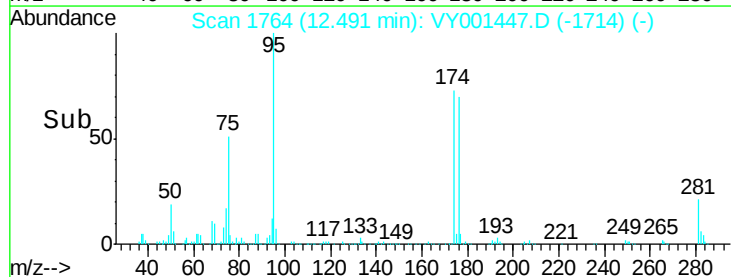
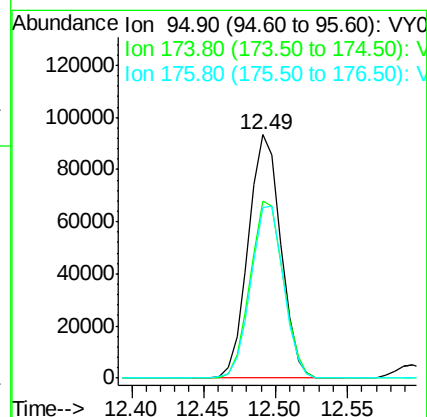
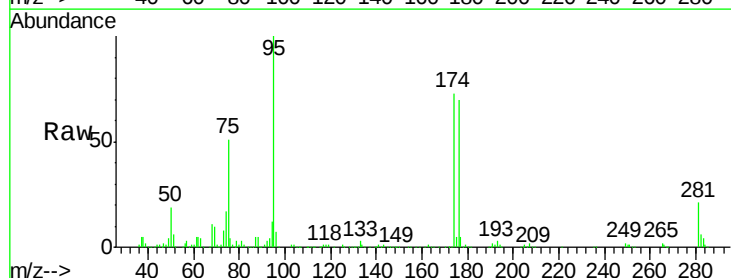
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0131SBS01

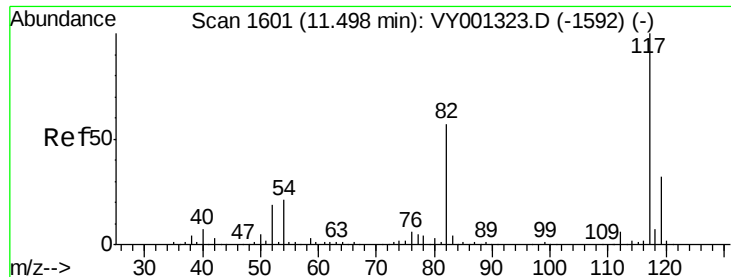
Tgt Ion: 107 Resp: 39392
 Ion Ratio Lower Upper
 107 100
 109 93.0 75.0 112.6



#62
 4-Bromofluorobenzene
 Concen: 50.05 ug/l
 RT: 12.49 min Scan# 1764
 Delta R.T. 0.01 min
 Lab File: VY001447.D
 Acq: 31 Jan 2020 12:11

Tgt Ion: 95 Resp: 145401
 Ion Ratio Lower Upper
 95 100
 174 74.0 0.0 142.0
 176 71.3 0.0 138.6

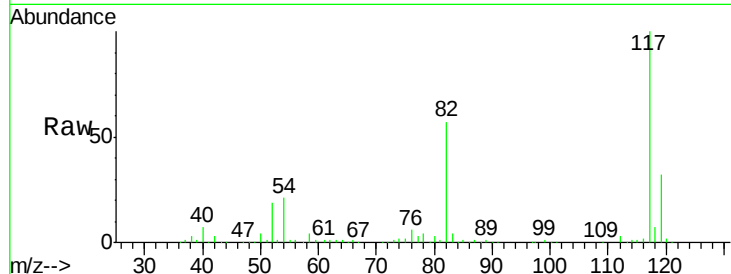




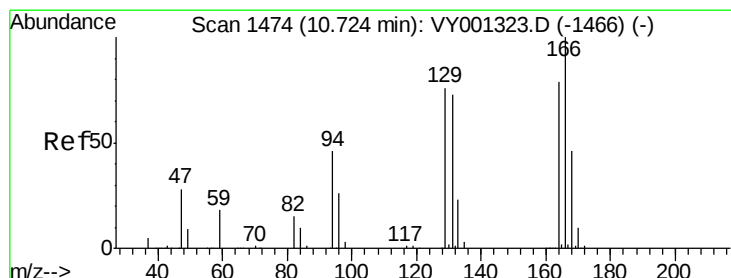
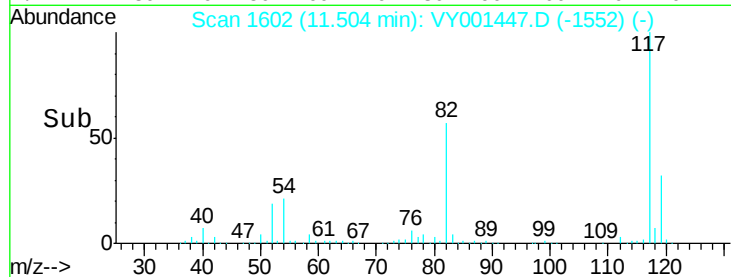
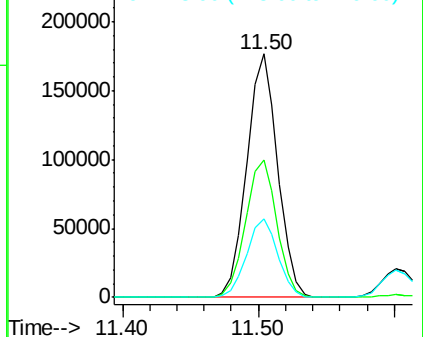
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.01 min
Lab File: VY001447.D
Acq: 31 Jan 2020 12:11

Instrument :
MSVOA_Y
ClientSampleId :
VY0131SBS01

Tgt Ion:117 Resp: 280596
Ion Ratio Lower Upper
117 100
82 56.5 45.5 68.3
119 32.4 25.8 38.6

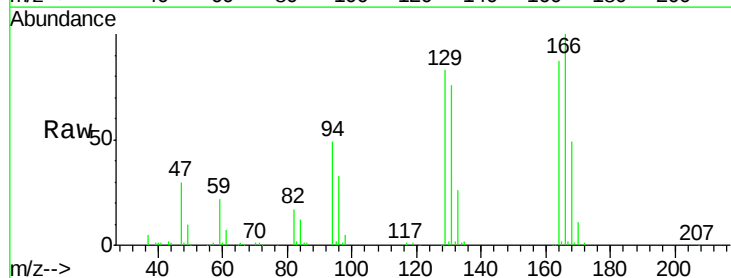


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

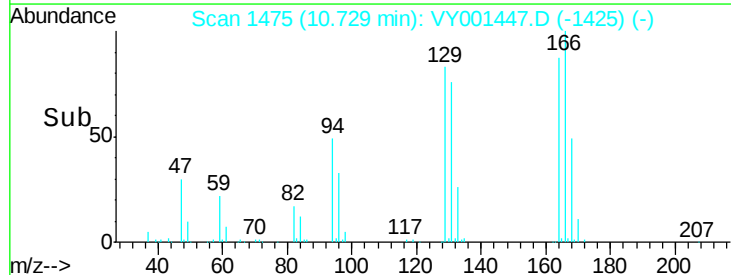
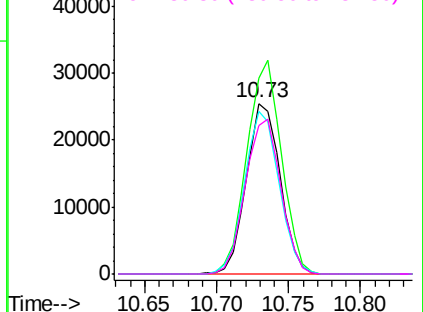


#64
Tetrachloroethene
Concen: 23.00 ug/l
RT: 10.73 min Scan# 1475
Delta R.T. 0.01 min
Lab File: VY001447.D
Acq: 31 Jan 2020 12:11

Tgt Ion:164 Resp: 41219
Ion Ratio Lower Upper
164 100
166 114.8 101.8 152.8
129 95.7 77.1 115.7
131 86.9 74.2 111.2



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

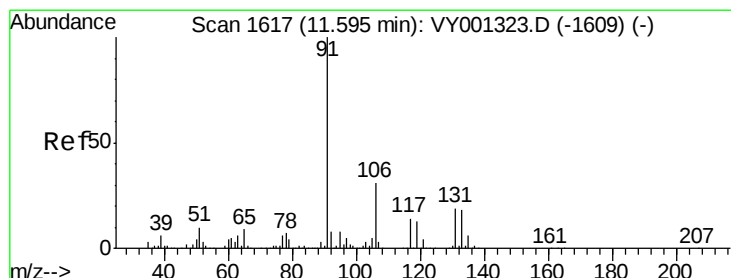
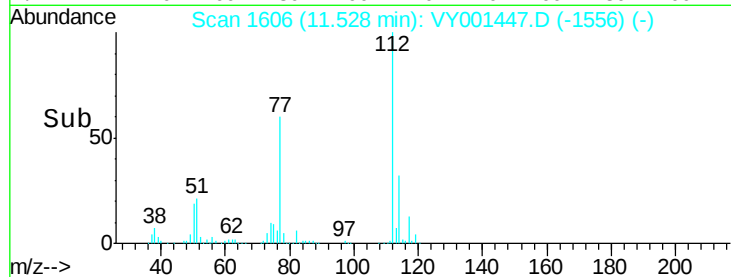
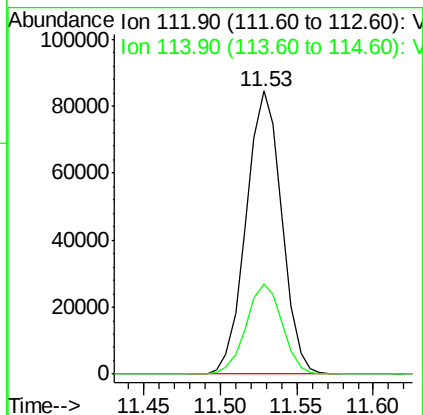
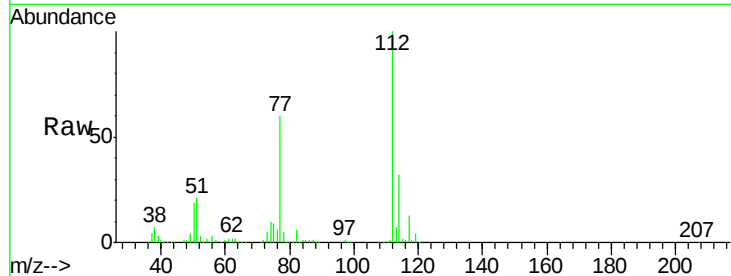




#65
Chlorobenzene
Concen: 23.11 ug/l
RT: 11.53 min Scan# 1606
Delta R.T. 0.01 min
Lab File: VY001447.D
Acq: 31 Jan 2020 12:11

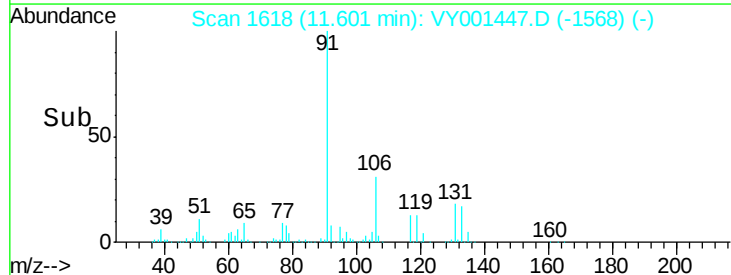
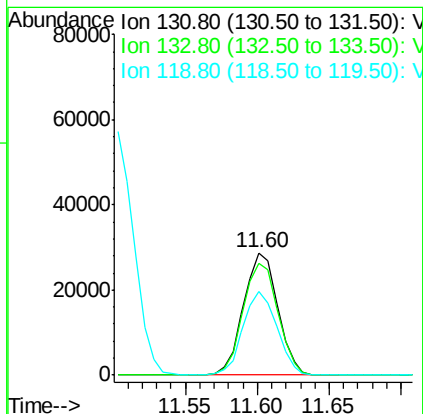
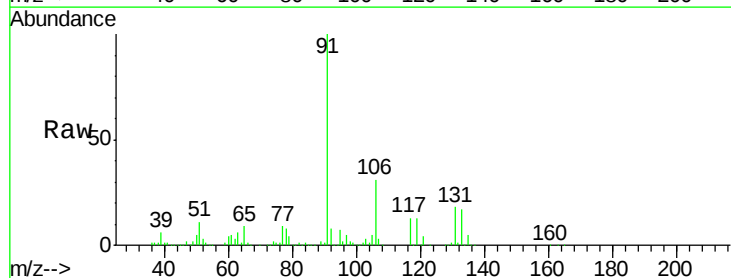
Instrument :
MSVOA_Y
ClientSampleId :
VY0131SBS01

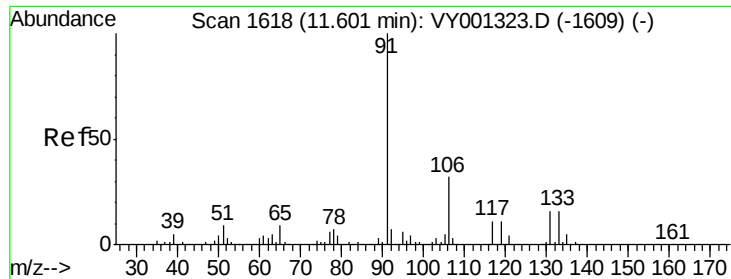
Tgt Ion:112 Resp: 136713
Ion Ratio Lower Upper
112 100
114 31.9 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 23.40 ug/l
RT: 11.60 min Scan# 1618
Delta R.T. 0.01 min
Lab File: VY001447.D
Acq: 31 Jan 2020 12:11

Tgt Ion:131 Resp: 47225
Ion Ratio Lower Upper
131 100
133 93.7 47.1 141.3
119 67.6 34.1 102.2

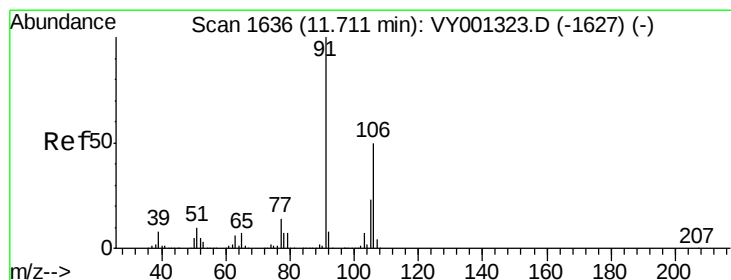
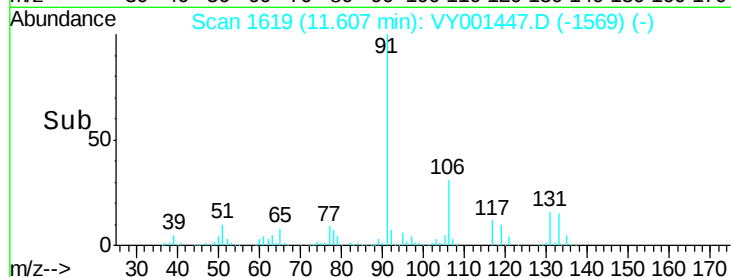
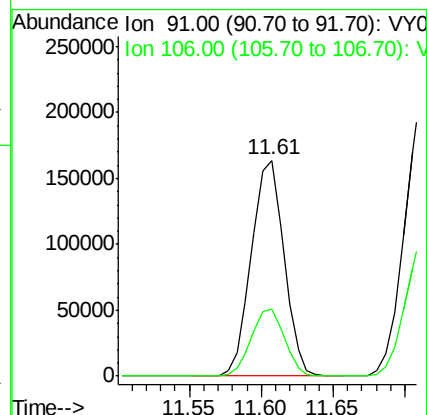
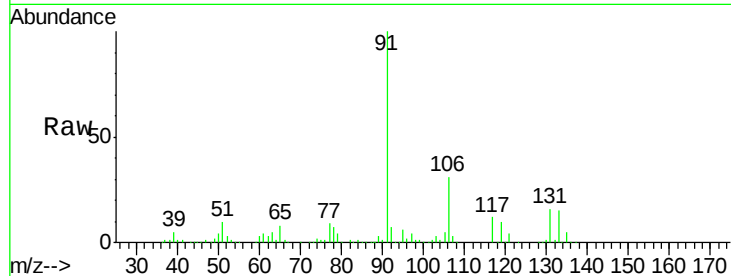




#67
Ethyl Benzene
Concen: 23.53 ug/l
RT: 11.61 min Scan# 1619
Delta R.T. 0.01 min
Lab File: VY001447.D
Acq: 31 Jan 2020 12:11

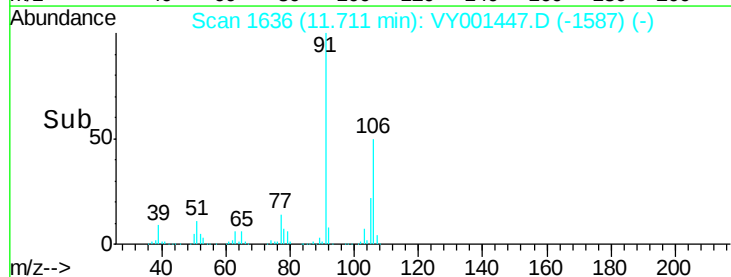
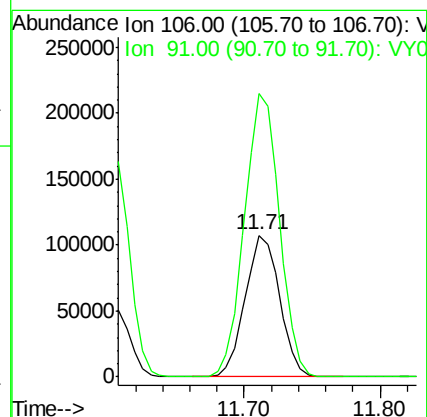
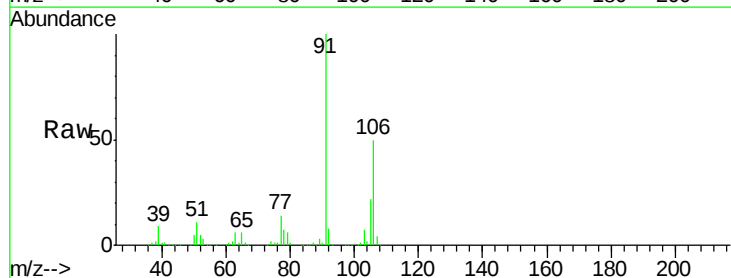
Instrument :
MSVOA_Y
ClientSampleId :
VY0131SBS01

Tgt Ion: 91 Resp: 256436
Ion Ratio Lower Upper
91 100
106 31.3 25.4 38.0



#68
m/p-Xylenes
Concen: 46.98 ug/l
RT: 11.71 min Scan# 1636
Delta R.T. -0.00 min
Lab File: VY001447.D
Acq: 31 Jan 2020 12:11

Tgt Ion: 106 Resp: 191252
Ion Ratio Lower Upper
106 100
91 202.4 162.8 244.2

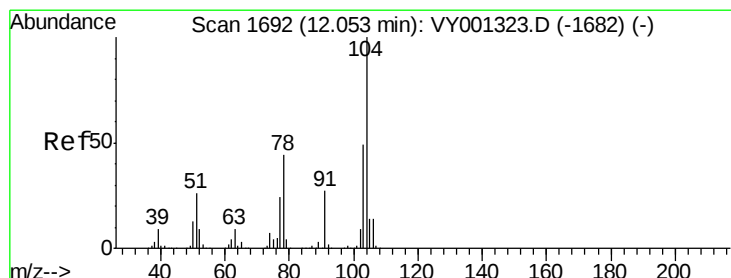
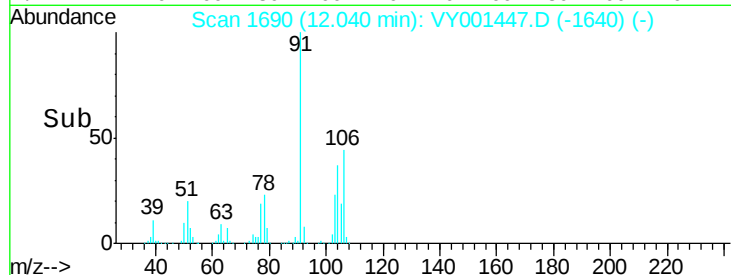
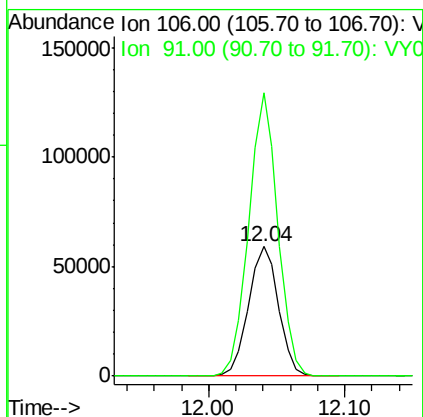
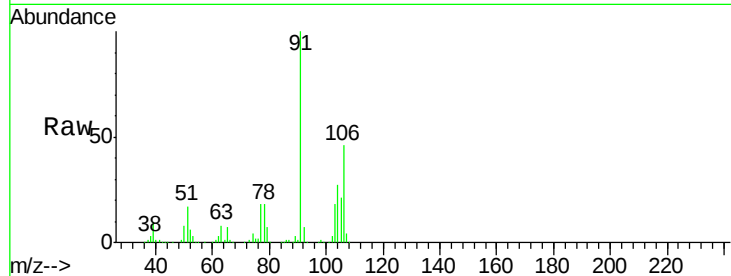




#69
o-Xylene
Concen: 23.35 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. 0.01 min
Lab File: VY001447.D
Acq: 31 Jan 2020 12:11

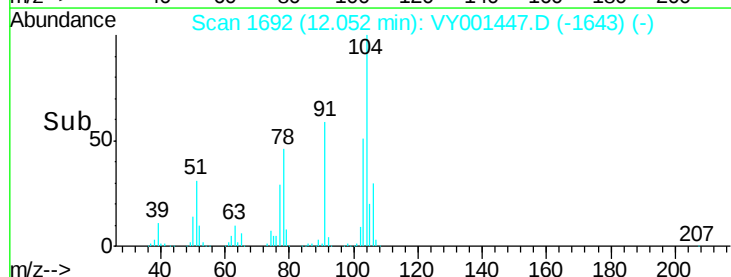
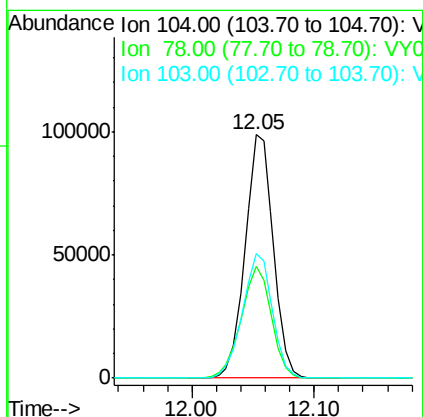
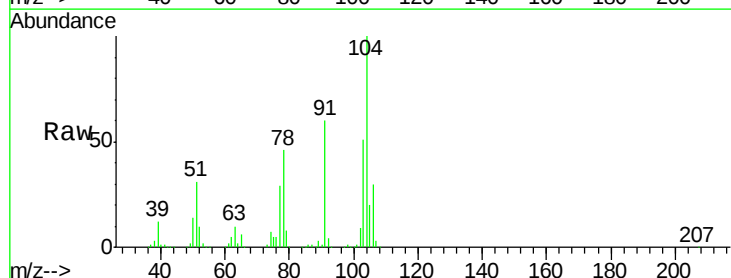
Instrument :
MSVOA_Y
ClientSampleId :
VY0131SBS01

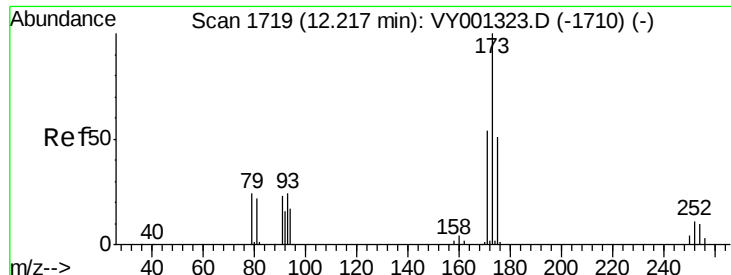
Tgt Ion:106 Resp: 91429
Ion Ratio Lower Upper
106 100
91 210.9 106.3 319.0



#70
Styrene
Concen: 22.96 ug/l
RT: 12.05 min Scan# 1692
Delta R.T. -0.00 min
Lab File: VY001447.D
Acq: 31 Jan 2020 12:11

Tgt Ion:104 Resp: 157740
Ion Ratio Lower Upper
104 100
78 48.9 39.8 59.8
103 54.3 43.2 64.8

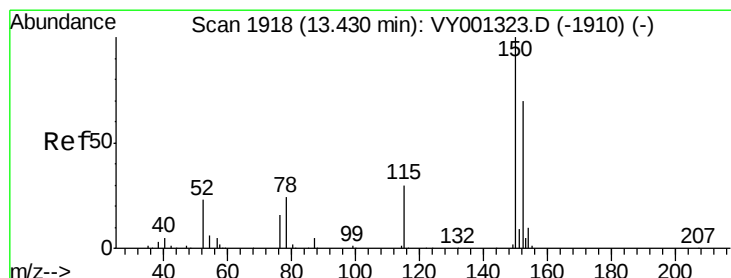
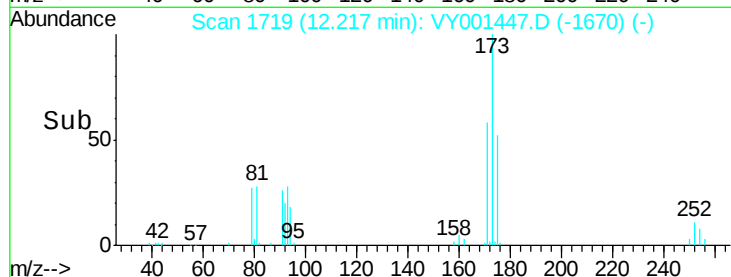
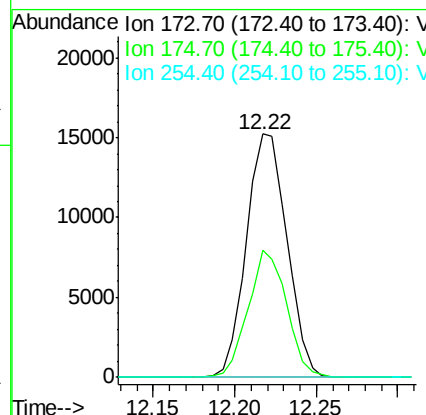
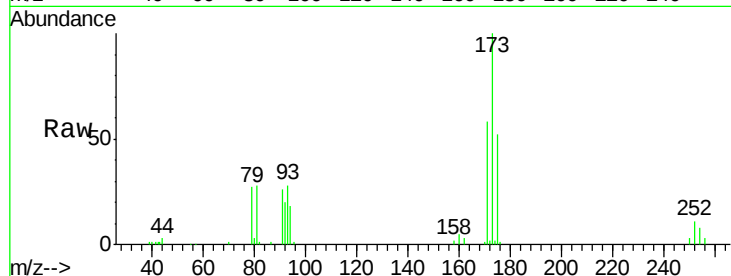




#71
Bromoform
Concen: 21.88 ug/l
RT: 12.22 min Scan# 1719
Delta R.T. -0.00 min
Lab File: VY001447.D
Acq: 31 Jan 2020 12:11

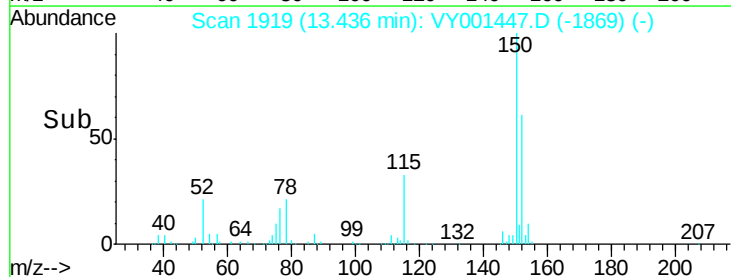
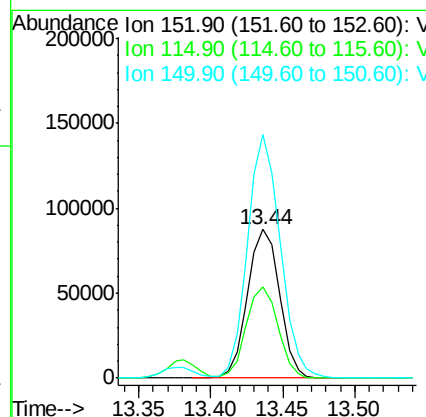
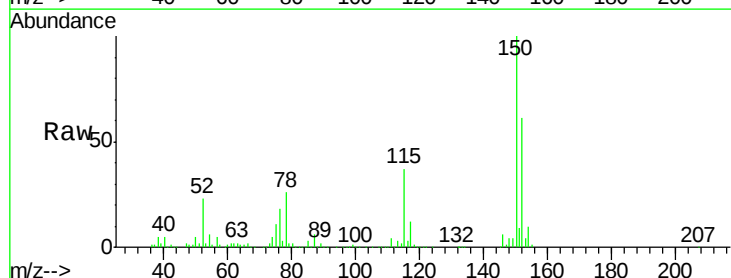
Instrument :
MSVOA_Y
ClientSampleId :
VY0131SBS01

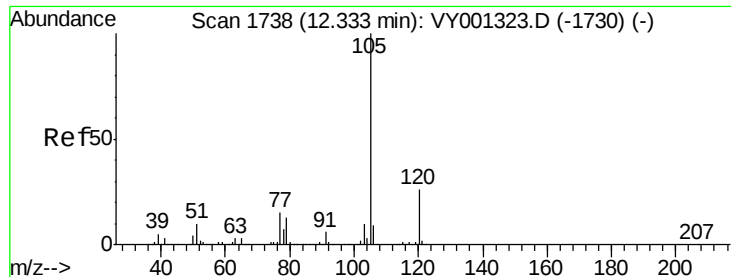
Tgt Ion:173 Resp: 26357
Ion Ratio Lower Upper
173 100
175 49.2 24.3 72.9
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.44 min Scan# 1919
Delta R.T. 0.01 min
Lab File: VY001447.D
Acq: 31 Jan 2020 12:11

Tgt Ion:152 Resp: 135068
Ion Ratio Lower Upper
152 100
115 60.7 30.9 92.8
150 166.8 0.0 349.2





#73

Isopropylbenzene

Concen: 22.97 ug/l

RT: 12.34 min Scan# 1739

Delta R.T. 0.01 min

Lab File: VY001447.D

Acq: 31 Jan 2020 12:11

Instrument :

MSVOA_Y

ClientSampleId :

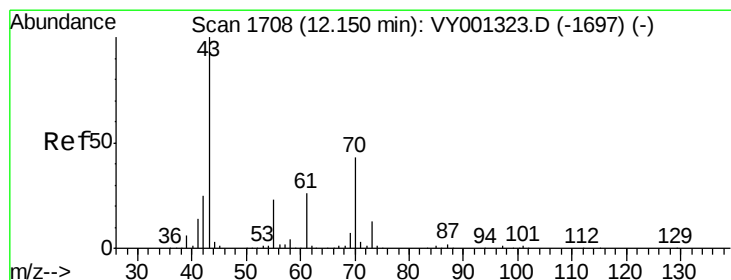
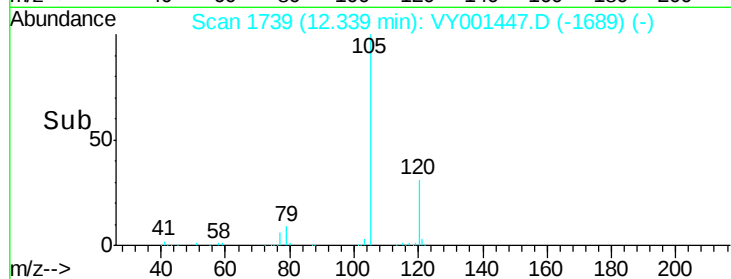
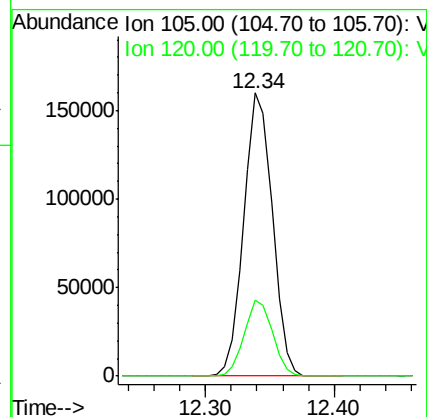
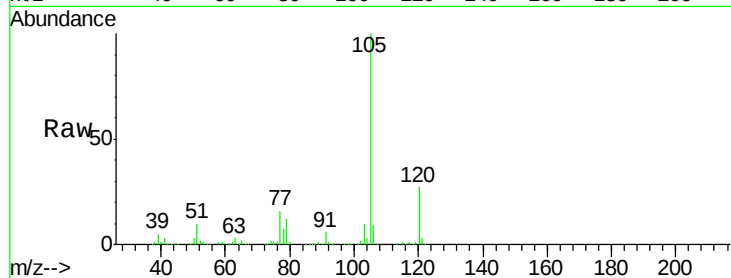
VY0131SBS01

Tgt Ion: 105 Resp: 244816

Ion Ratio Lower Upper

105 100

120 26.7 13.5 40.4



#74

N-ethyl acetate

Concen: 22.10 ug/l

RT: 12.16 min Scan# 1709

Delta R.T. 0.01 min

Lab File: VY001447.D

Acq: 31 Jan 2020 12:11

Tgt Ion: 43 Resp: 77114

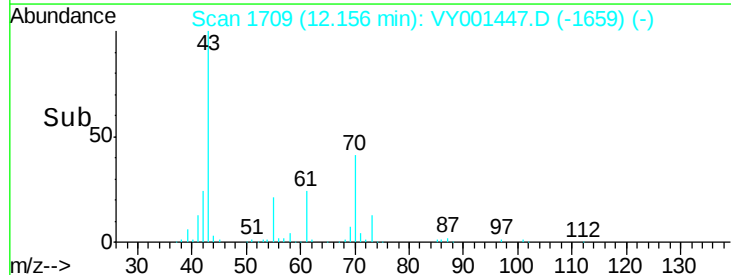
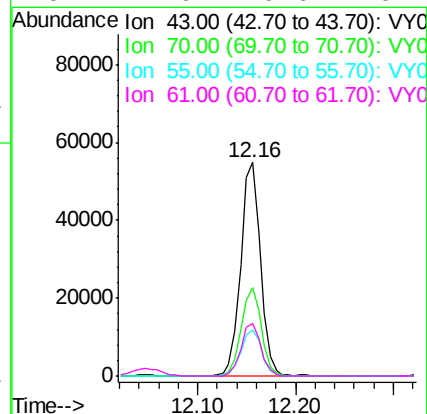
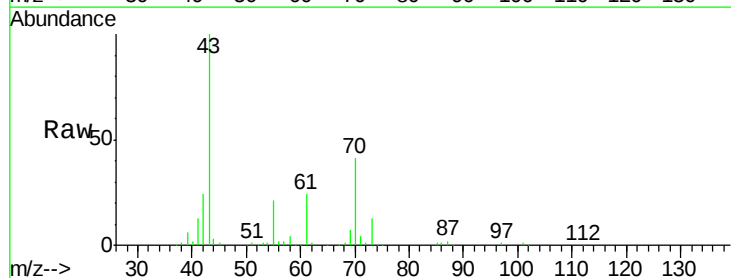
Ion Ratio Lower Upper

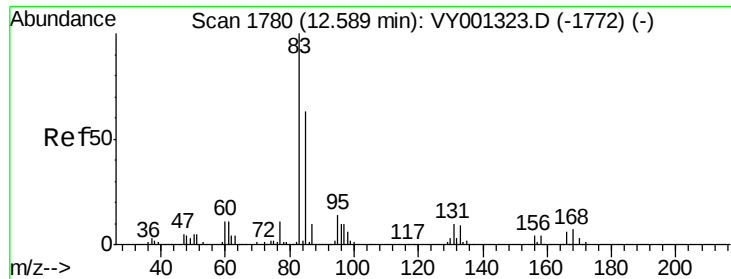
43 100

70 41.8 33.5 50.3

55 22.5 18.2 27.2

61 24.9 19.6 29.4





#75

1,1,2,2-Tetrachloroethane

Concen: 22.62 ug/l

RT: 12.59 min Scan# 1781

Delta R.T. 0.01 min

Lab File: VY001447.D

Acq: 31 Jan 2020 12:11

Instrument :

MSVOA_Y

ClientSampleId :

VY0131SBS01

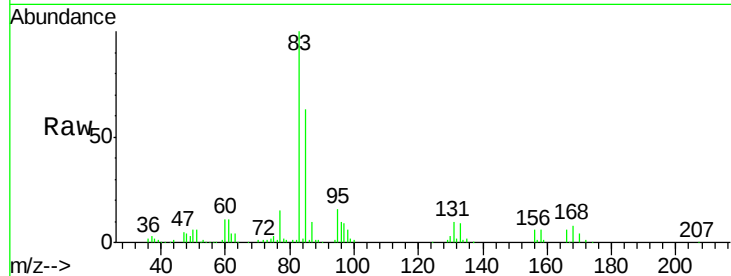
Tgt Ion: 83 Resp: 51620

Ion Ratio Lower Upper

83 100

131 9.7 4.9 14.6

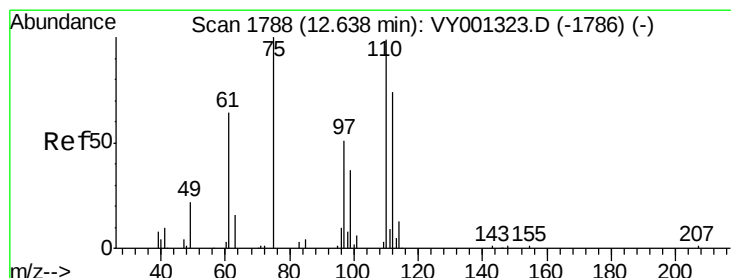
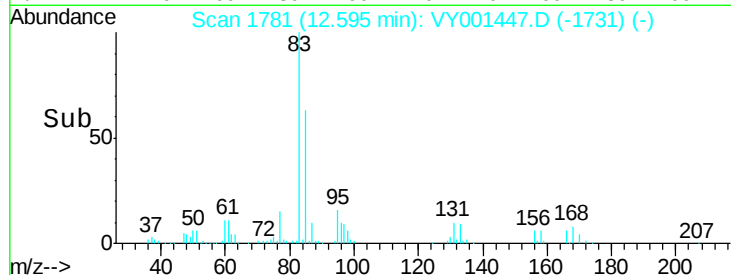
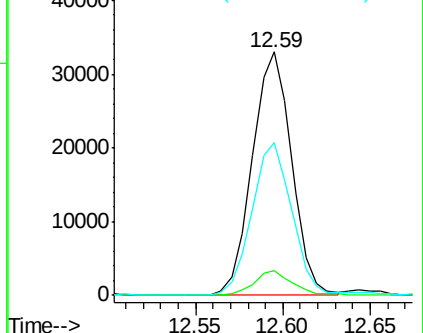
85 63.7 31.4 94.3



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: 41.08 ug/l

RT: 12.64 min Scan# 1789

Delta R.T. 0.01 min

Lab File: VY001447.D

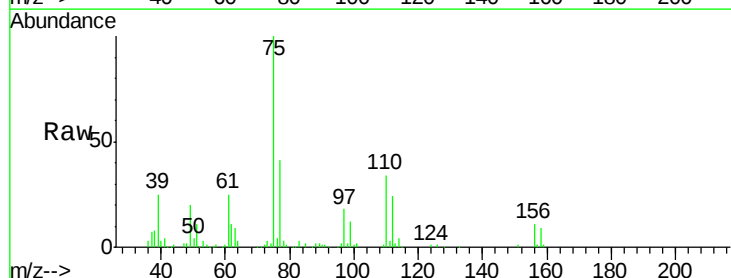
Acq: 31 Jan 2020 12:11

Tgt Ion: 75 Resp: 66859

Ion Ratio Lower Upper

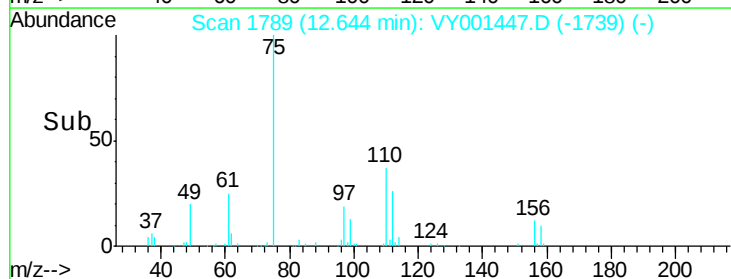
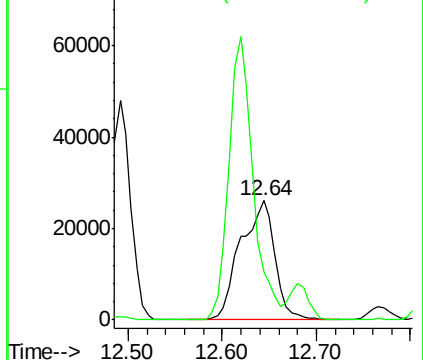
75 100

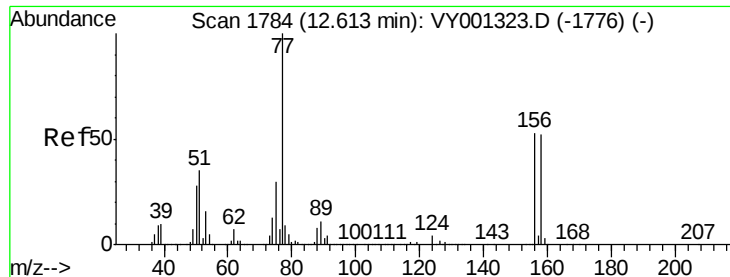
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 77.00 (76.70 to 77.70): VY0

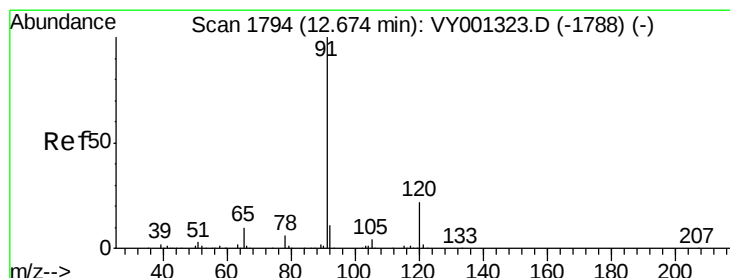
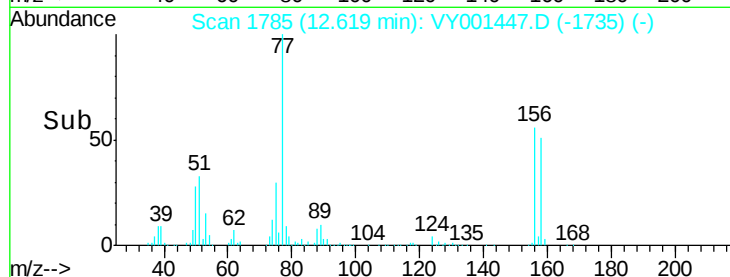
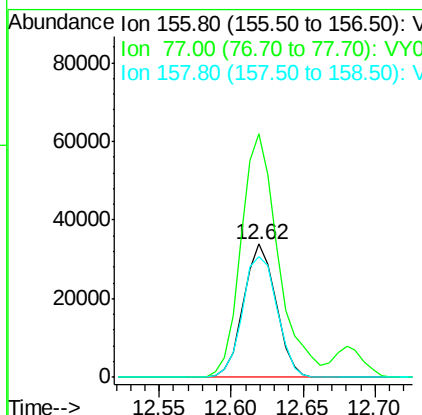
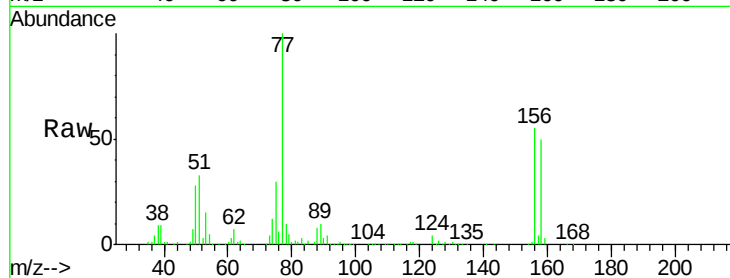




#77
Bromobenzene
Concen: 22.41 ug/l
RT: 12.62 min Scan# 1785
Delta R.T. 0.01 min
Lab File: VY001447.D
Acq: 31 Jan 2020 12:11

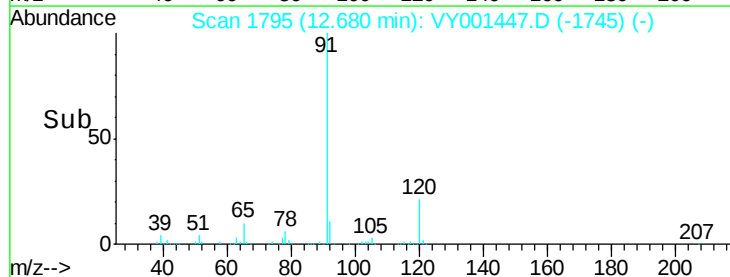
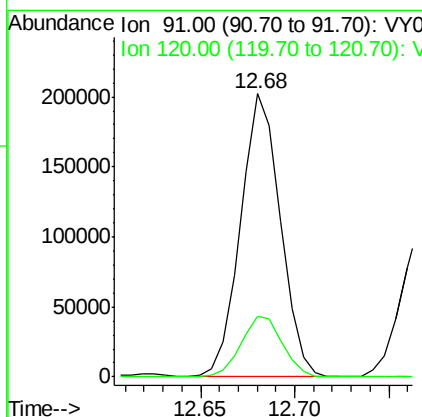
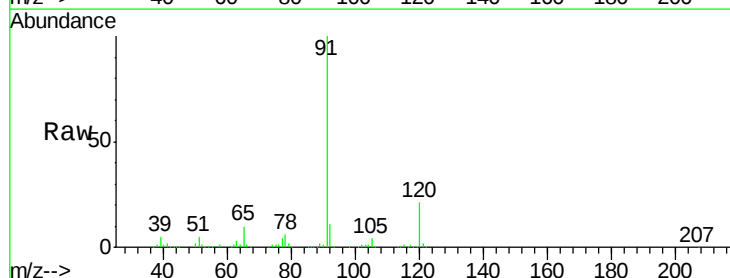
Instrument :
MSVOA_Y
ClientSampleId :
VY0131SBS01

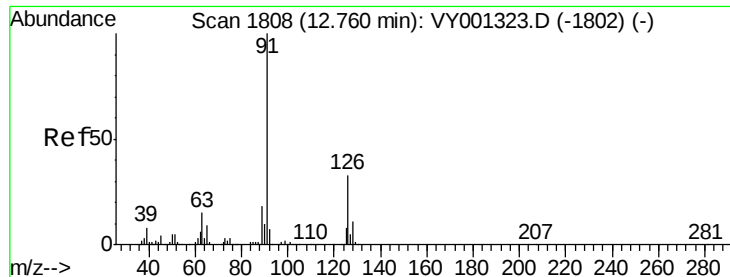
Tgt Ion:156 Resp: 52904
Ion Ratio Lower Upper
156 100
77 209.7 104.7 313.9
158 96.8 48.6 145.8



#78
n-propylbenzene
Concen: 23.01 ug/l
RT: 12.68 min Scan# 1795
Delta R.T. 0.01 min
Lab File: VY001447.D
Acq: 31 Jan 2020 12:11

Tgt Ion: 91 Resp: 295166
Ion Ratio Lower Upper
91 100
120 22.3 11.3 33.8

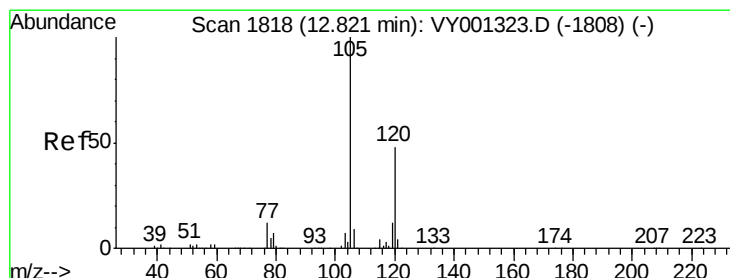
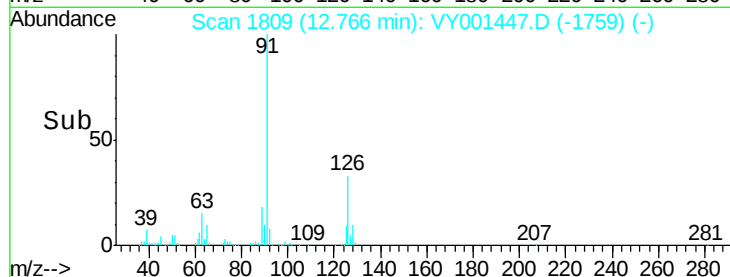
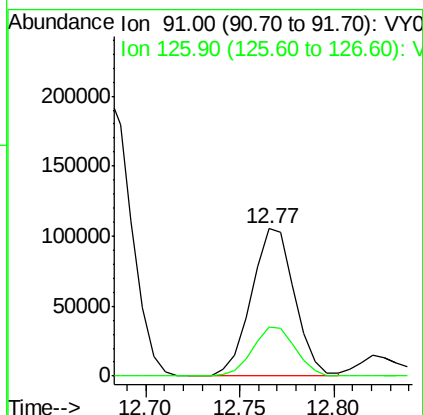
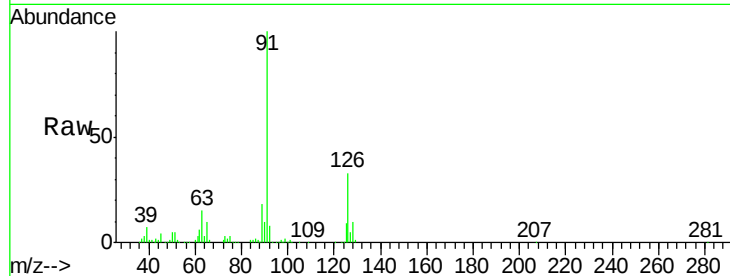




#79
 2-Chlorotoluene
 Concen: 22.77 ug/l
 RT: 12.77 min Scan# 1809
 Delta R.T. 0.01 min
 Lab File: VY001447.D
 Acq: 31 Jan 2020 12:11

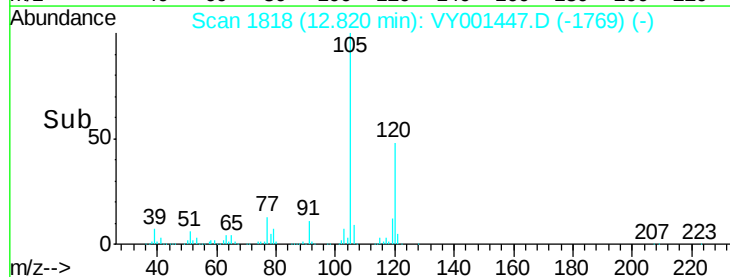
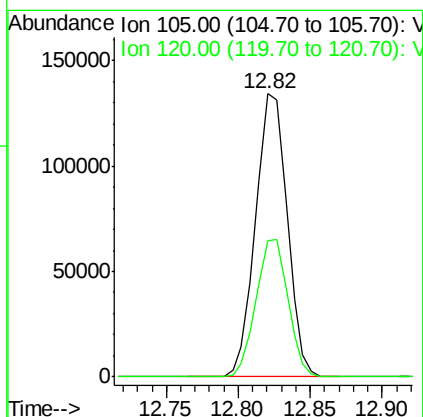
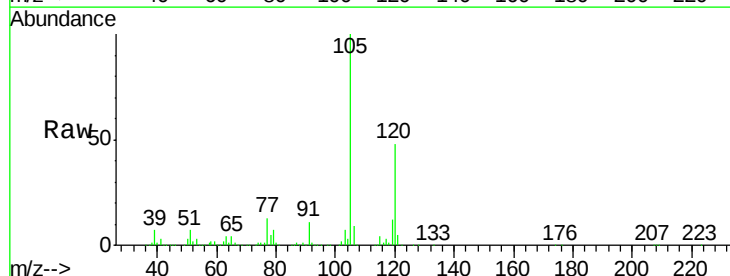
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0131SBS01

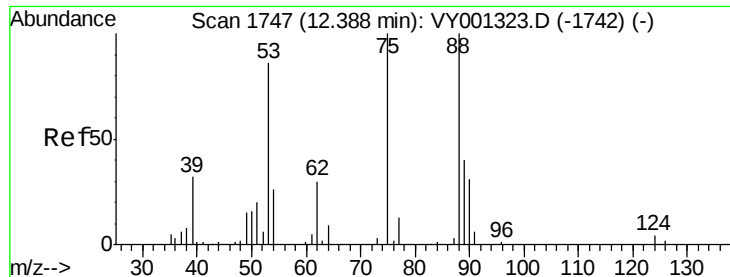
Tgt Ion: 91 Resp: 166861
 Ion Ratio Lower Upper
 91 100
 126 33.2 16.6 49.7



#80
 1,3,5-Trimethylbenzene
 Concen: 22.95 ug/l
 RT: 12.82 min Scan# 1818
 Delta R.T. -0.00 min
 Lab File: VY001447.D
 Acq: 31 Jan 2020 12:11

Tgt Ion: 105 Resp: 204182
 Ion Ratio Lower Upper
 105 100
 120 49.0 24.3 72.9





#81

trans-1,4-Dichloro-2-butene

Concen: 22.14 ug/l

RT: 12.39 min Scan# 1747

Delta R.T. -0.00 min

Lab File: VY001447.D

Acq: 31 Jan 2020 12:11

Instrument :

MSVOA_Y

ClientSampleId :

VY0131SBS01

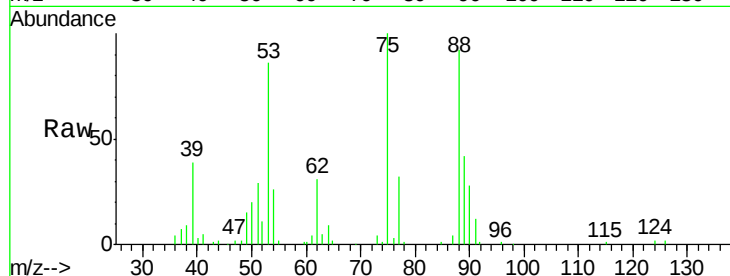
Tgt Ion: 75 Resp: 19042

Ion Ratio Lower Upper

75 100

53 84.6 69.9 104.9

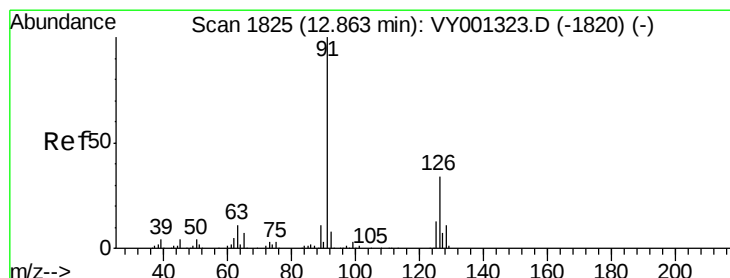
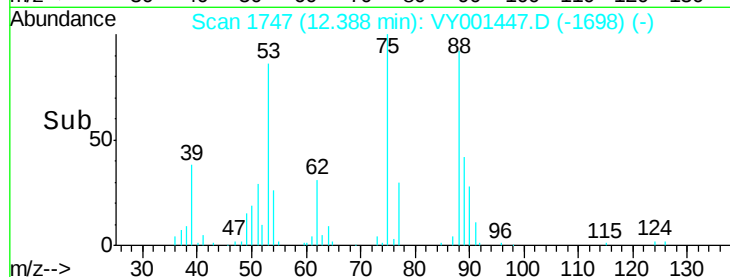
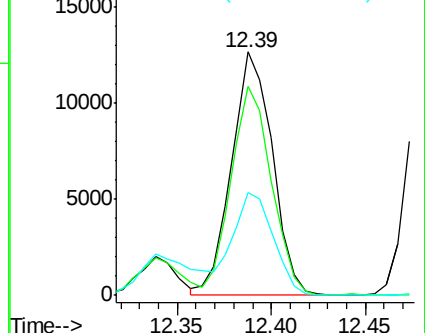
89 41.6 36.6 54.8



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: 22.56 ug/l

RT: 12.86 min Scan# 1825

Delta R.T. -0.00 min

Lab File: VY001447.D

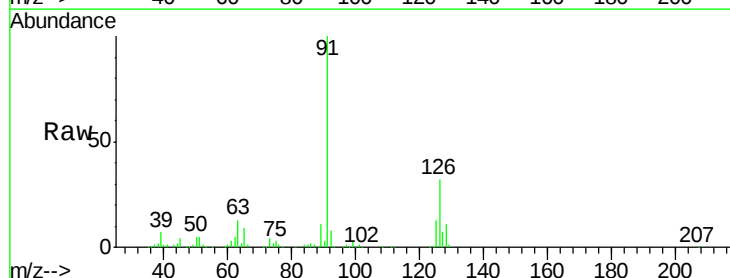
Acq: 31 Jan 2020 12:11

Tgt Ion: 91 Resp: 176626

Ion Ratio Lower Upper

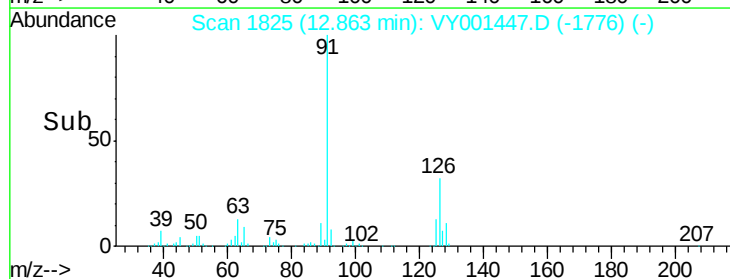
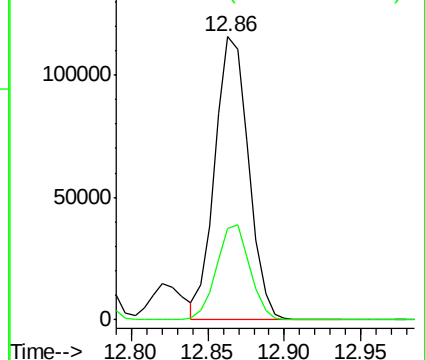
91 100

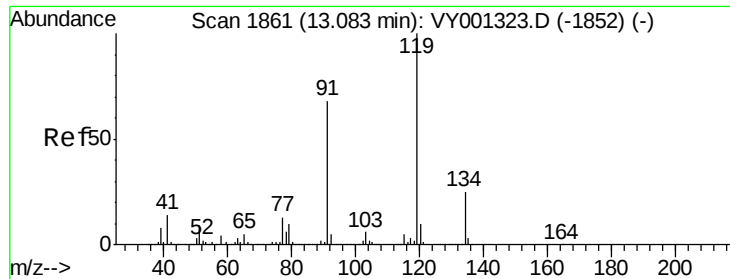
126 33.2 16.4 49.4



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V

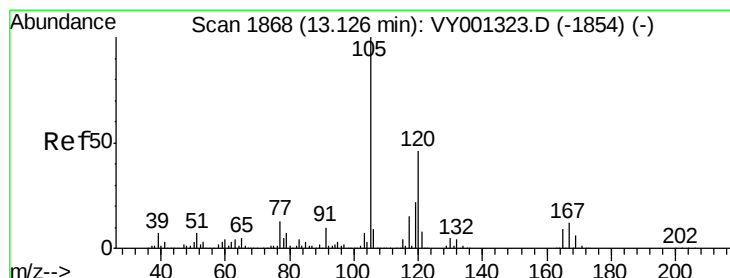
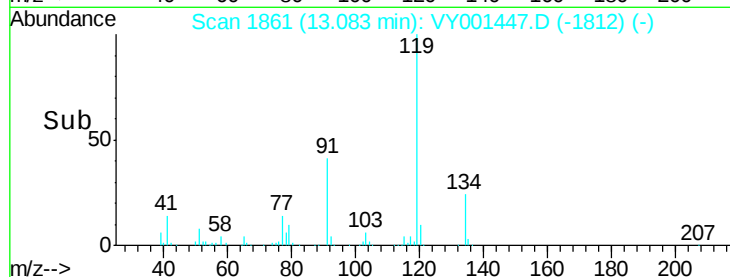
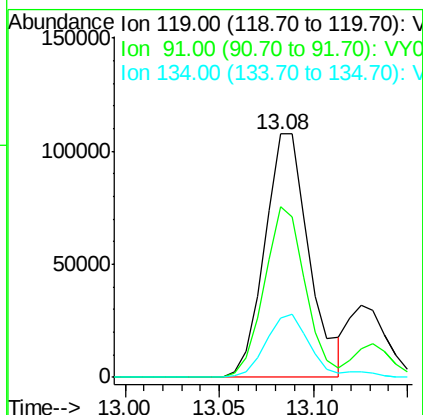
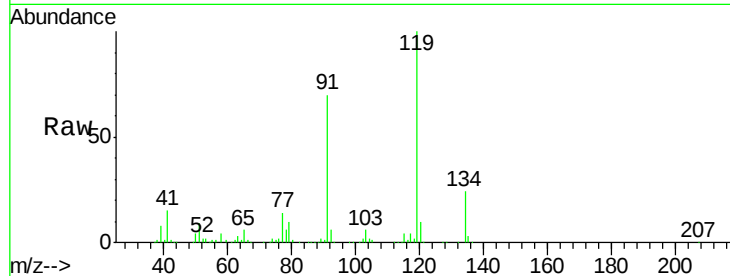




#83
 tert-Butylbenzene
 Concen: 23.43 ug/l
 RT: 13.08 min Scan# 1861
 Delta R.T. -0.00 min
 Lab File: VY001447.D
 Acq: 31 Jan 2020 12:11

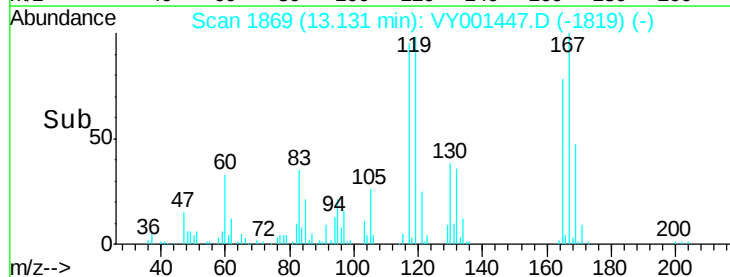
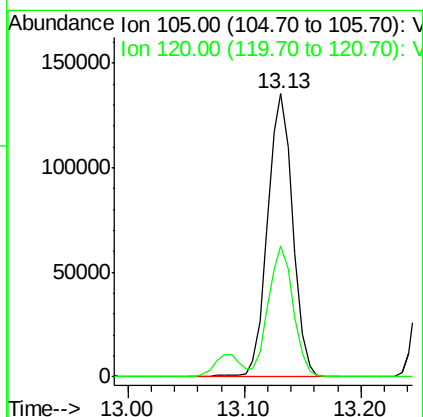
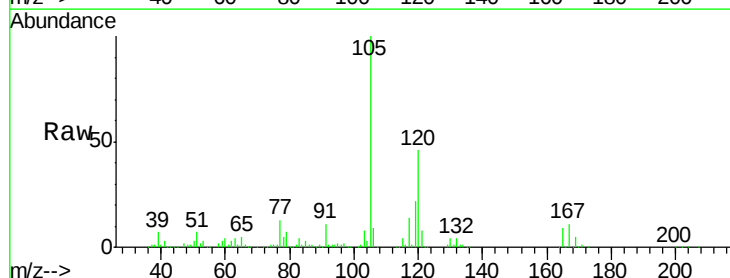
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0131SBS01

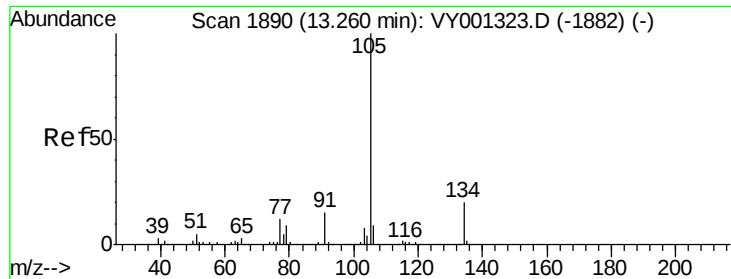
Tgt Ion:119 Resp: 175675
 Ion Ratio Lower Upper
 119 100
 91 64.9 33.0 99.0
 134 26.5 13.3 39.9



#84
 1,2,4-Trimethylbenzene
 Concen: 22.80 ug/l
 RT: 13.13 min Scan# 1869
 Delta R.T. 0.01 min
 Lab File: VY001447.D
 Acq: 31 Jan 2020 12:11

Tgt Ion:105 Resp: 203641
 Ion Ratio Lower Upper
 105 100
 120 46.0 22.4 67.3





#85

sec-Butylbenzene

Concen: 23.45 ug/l

RT: 13.27 min Scan# 1891

Delta R.T. 0.01 min

Lab File: VY001447.D

Acq: 31 Jan 2020 12:11

Instrument :

MSVOA_Y

ClientSampleId :

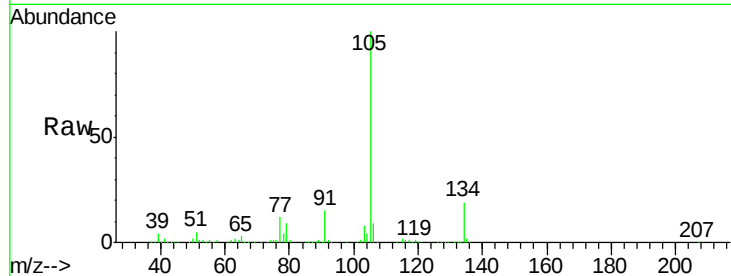
VY0131SBS01

Tgt Ion:105 Resp: 249811

Ion Ratio Lower Upper

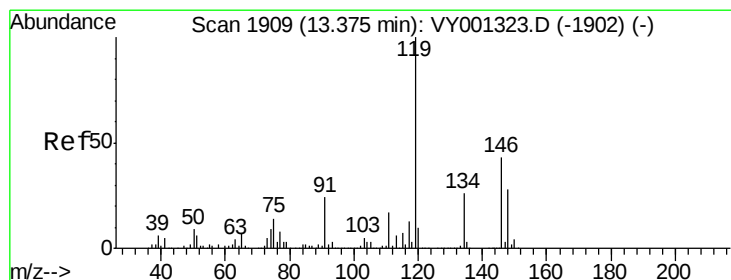
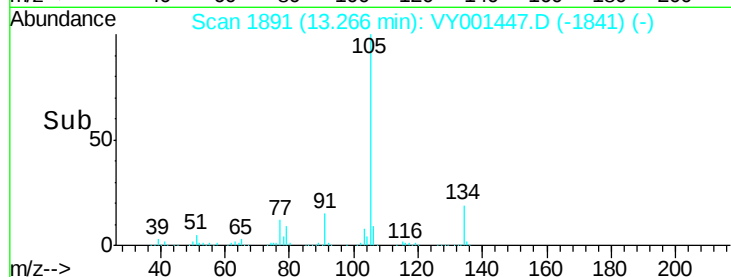
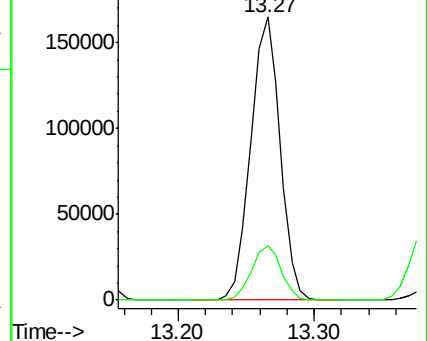
105 100

134 19.4 9.8 29.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 23.26 ug/l

RT: 13.38 min Scan# 1910

Delta R.T. 0.01 min

Lab File: VY001447.D

Acq: 31 Jan 2020 12:11

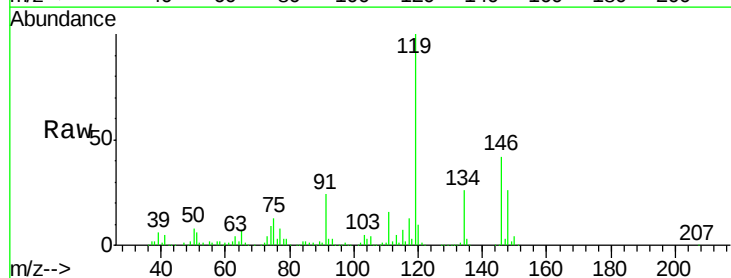
Tgt Ion:119 Resp: 218406

Ion Ratio Lower Upper

119 100

134 26.1 13.5 40.4

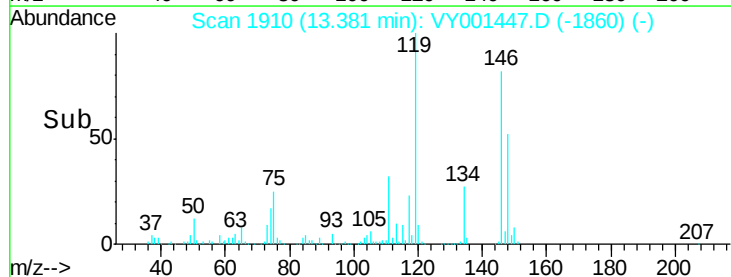
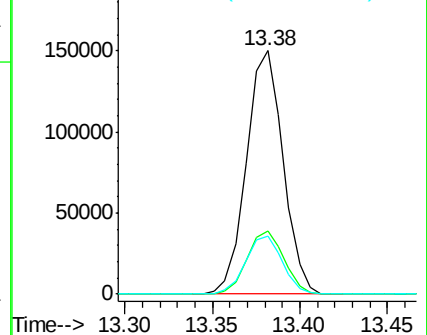
91 24.2 12.2 36.6

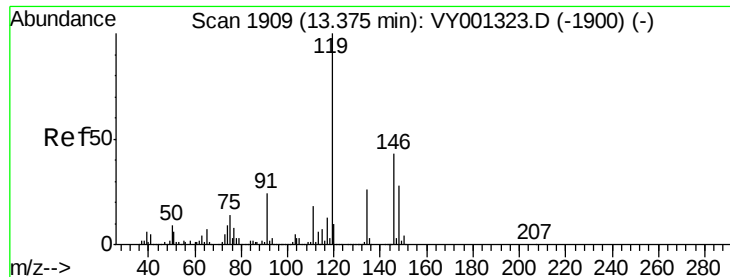


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0

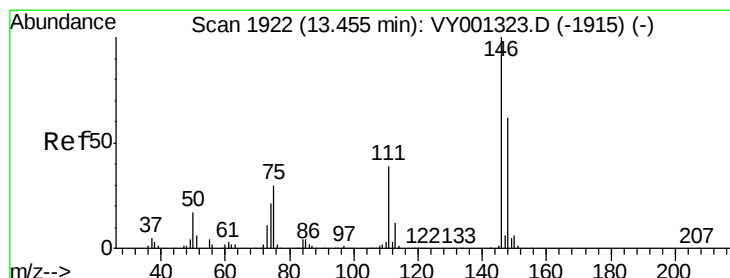
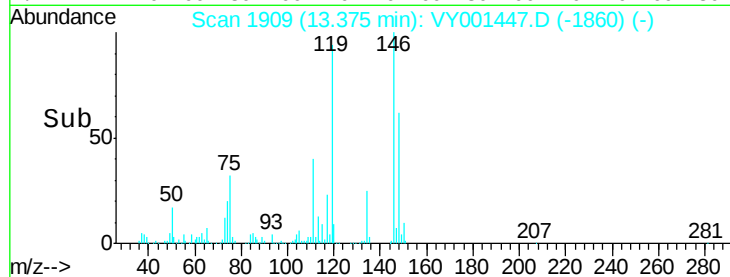
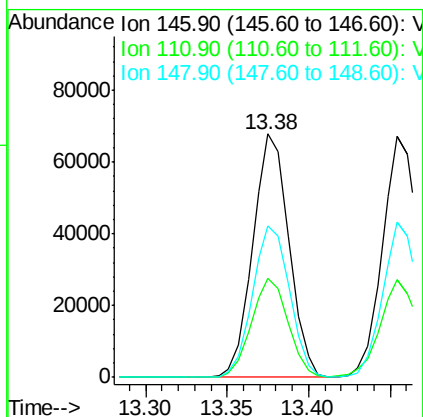
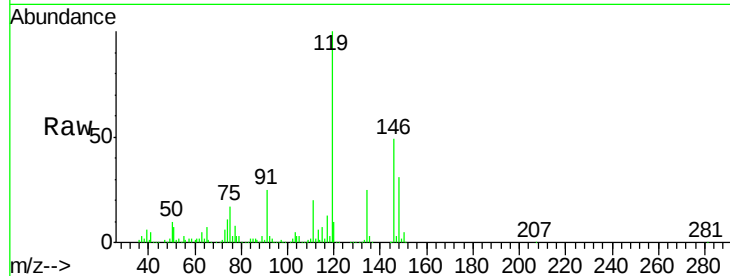




#87
 1,3-Dichlorobenzene
 Concen: 22.96 ug/l
 RT: 13.38 min Scan# 1909
 Delta R.T. -0.00 min
 Lab File: VY001447.D
 Acq: 31 Jan 2020 12:11

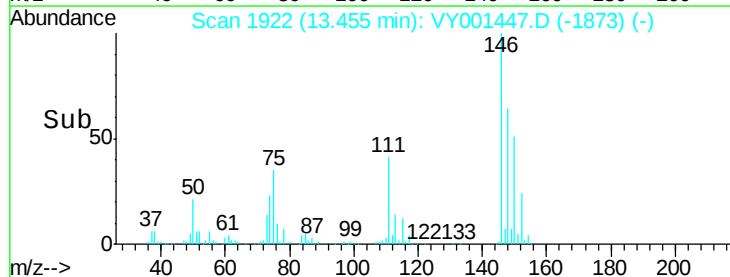
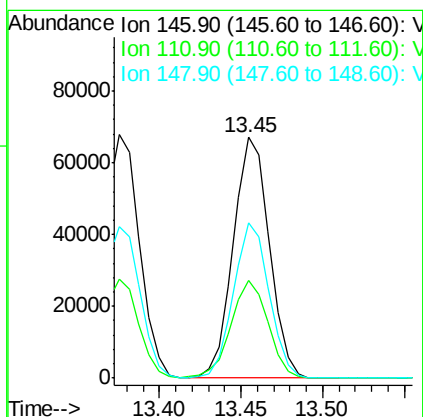
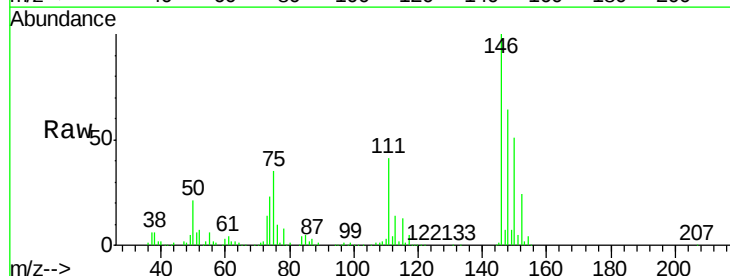
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0131SBS01

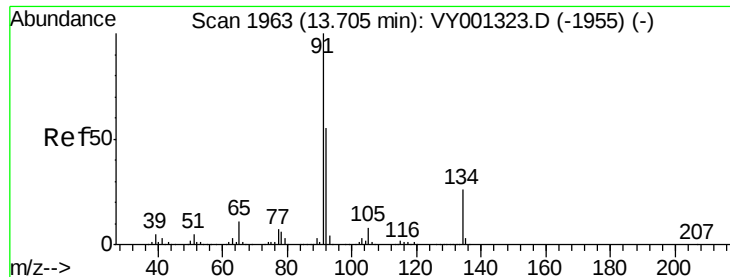
Tgt Ion:146 Resp: 104370
 Ion Ratio Lower Upper
 146 100
 111 41.1 20.6 61.8
 148 63.8 31.6 95.0



#88
 1,4-Dichlorobenzene
 Concen: 22.46 ug/l
 RT: 13.45 min Scan# 1922
 Delta R.T. -0.00 min
 Lab File: VY001447.D
 Acq: 31 Jan 2020 12:11

Tgt Ion:146 Resp: 103662
 Ion Ratio Lower Upper
 146 100
 111 41.7 20.5 61.5
 148 63.4 31.6 95.0

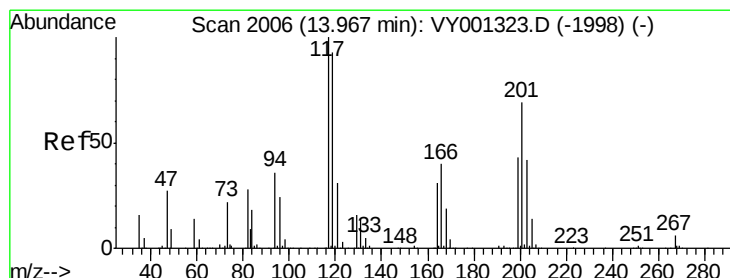
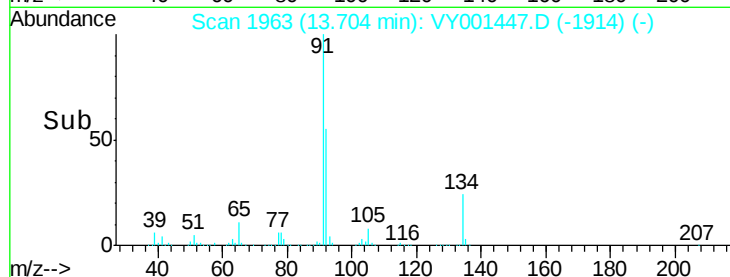
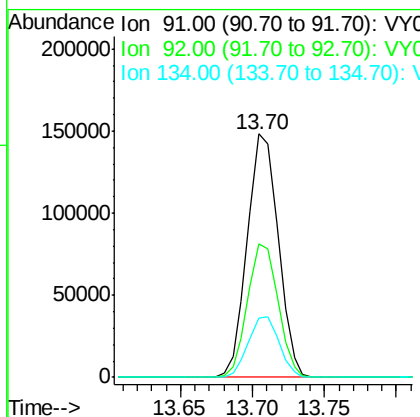
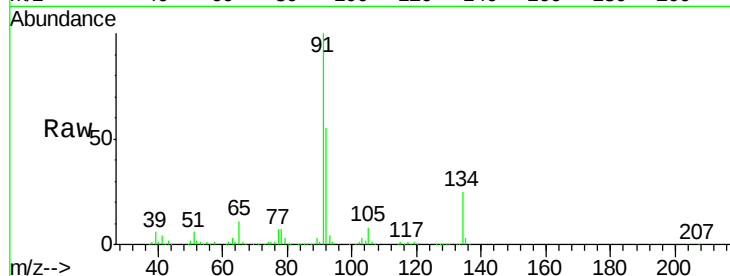




#89
n-Butylbenzene
Concen: 23.38 ug/l
RT: 13.70 min Scan# 1963
Delta R.T. -0.00 min
Lab File: VY001447.D
Acq: 31 Jan 2020 12:11

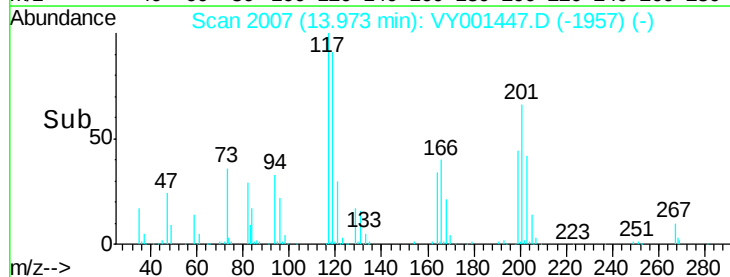
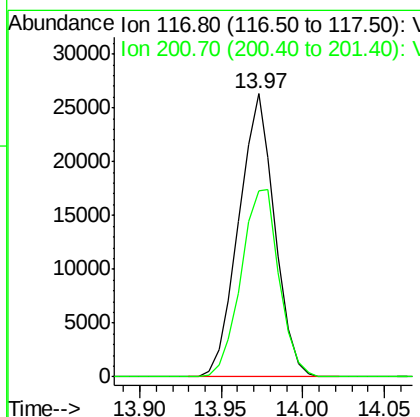
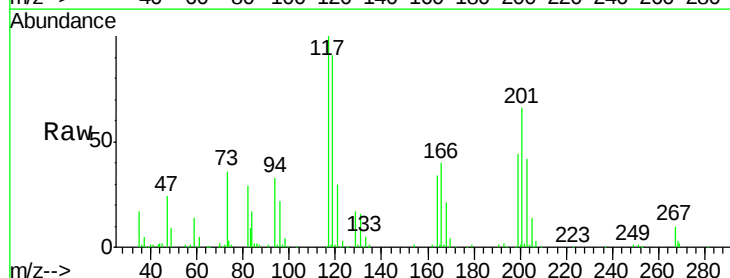
Instrument :
MSVOA_Y
ClientSampleId :
VY0131SBS01

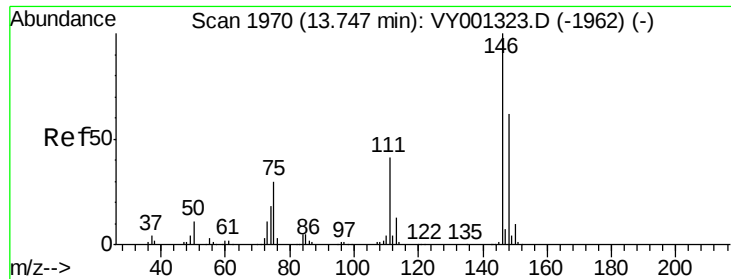
Tgt Ion: 91 Resp: 220922
Ion Ratio Lower Upper
91 100
92 54.1 27.6 82.8
134 25.1 12.9 38.6



#90
Hexachloroethane
Concen: 22.66 ug/l
RT: 13.97 min Scan# 2007
Delta R.T. 0.01 min
Lab File: VY001447.D
Acq: 31 Jan 2020 12:11

Tgt Ion: 117 Resp: 40332
Ion Ratio Lower Upper
117 100
201 70.3 34.6 103.8

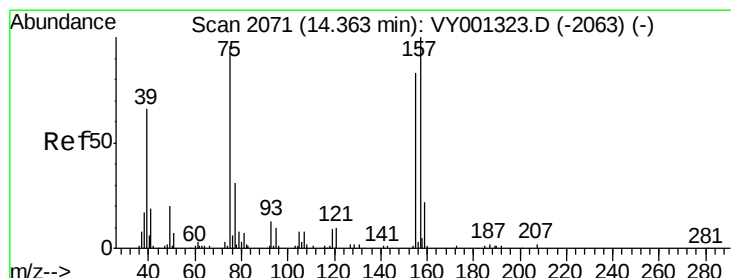
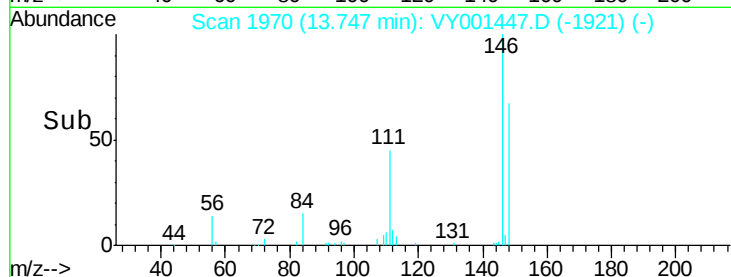
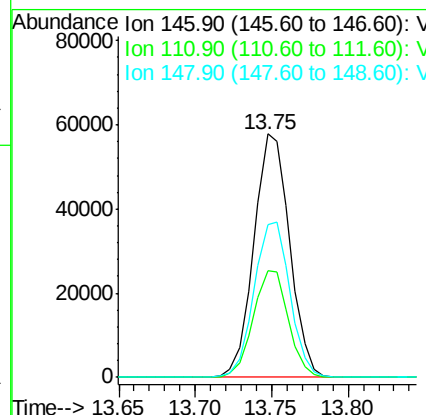
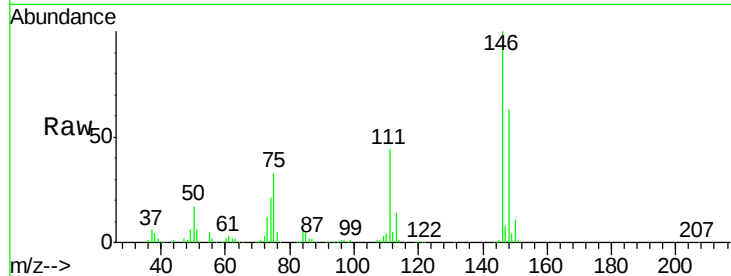




#91
 1,2-Dichlorobenzene
 Concen: 22.37 ug/l
 RT: 13.75 min Scan# 1970
 Delta R.T. -0.00 min
 Lab File: VY001447.D
 Acq: 31 Jan 2020 12:11

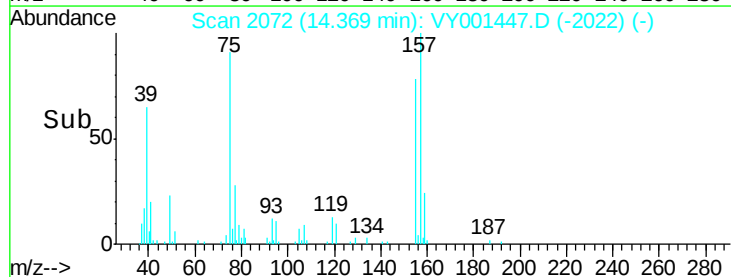
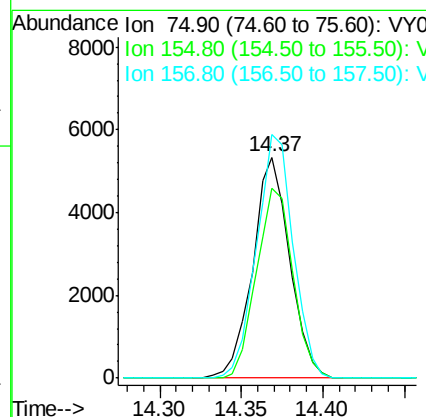
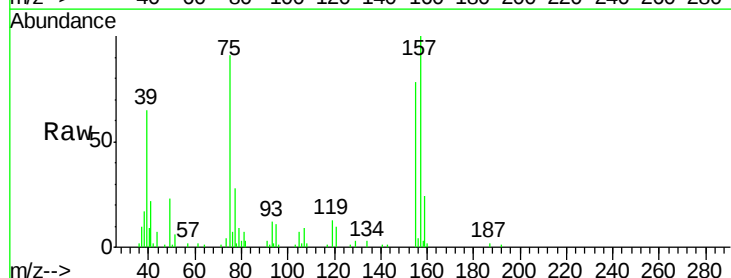
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0131SBS01

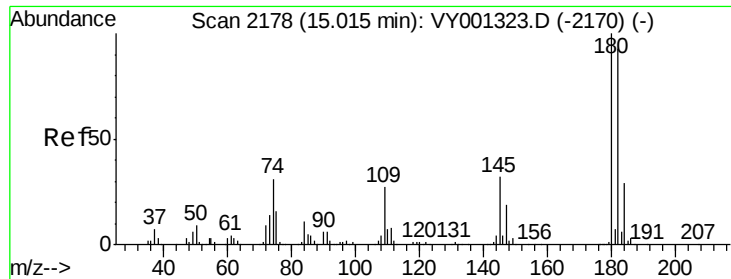
Tgt Ion: 146 Resp: 93796
 Ion Ratio Lower Upper
 146 100
 111 43.3 21.1 63.4
 148 64.1 31.5 94.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 21.32 ug/l
 RT: 14.37 min Scan# 2072
 Delta R.T. 0.01 min
 Lab File: VY001447.D
 Acq: 31 Jan 2020 12:11

Tgt Ion: 75 Resp: 8398
 Ion Ratio Lower Upper
 75 100
 155 84.6 43.0 129.2
 157 109.1 53.3 160.0

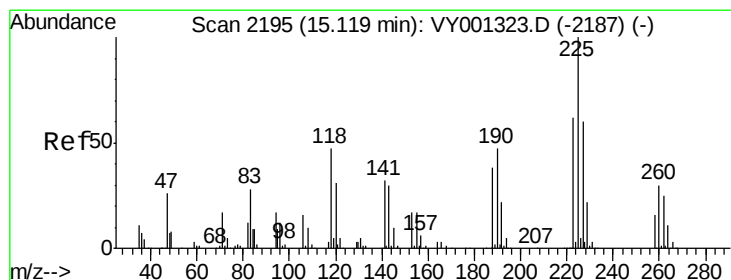
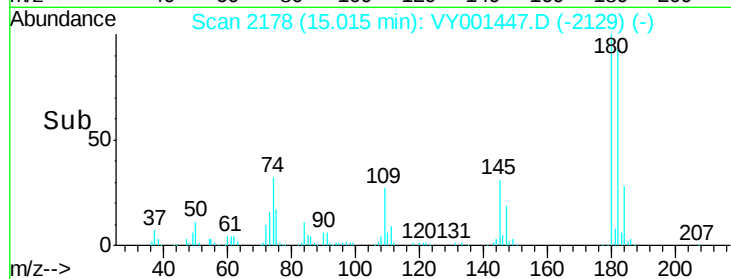
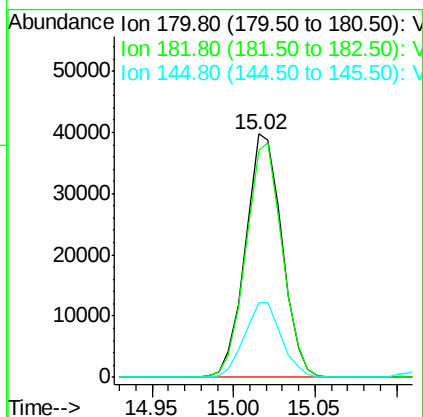
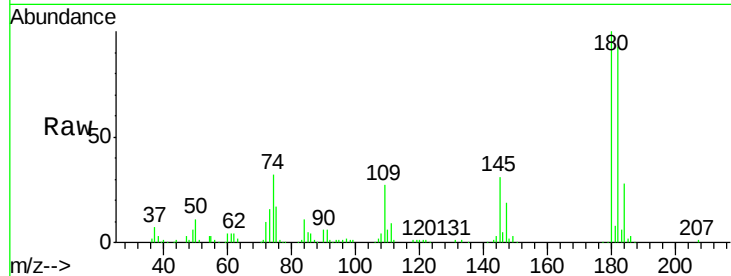




#93
 1,2,4-Trichlorobenzene
 Concen: 22.04 ug/l
 RT: 15.02 min Scan# 2178
 Delta R.T. -0.00 min
 Lab File: VY001447.D
 Acq: 31 Jan 2020 12:11

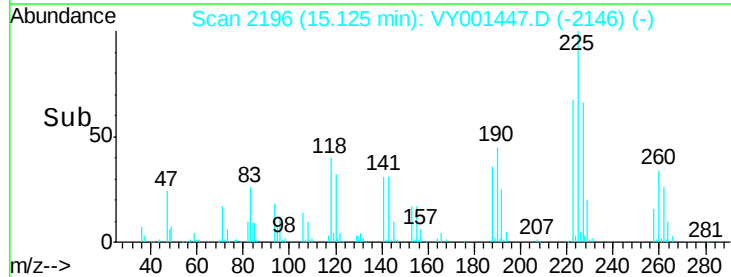
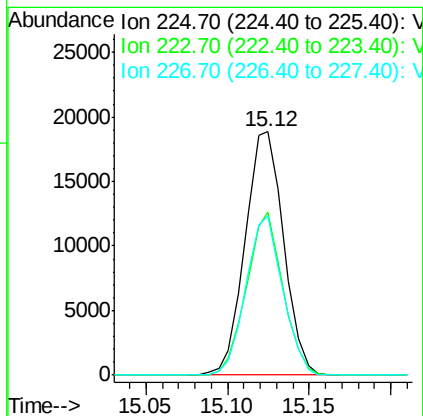
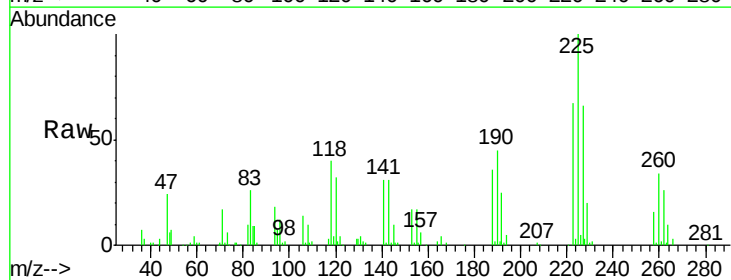
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0131SBS01

Tgt Ion:180 Resp: 62028
 Ion Ratio Lower Upper
 180 100
 182 96.0 47.6 142.8
 145 31.3 16.3 48.9



#94
 Hexachlorobutadiene
 Concen: 22.54 ug/l
 RT: 15.12 min Scan# 2196
 Delta R.T. 0.01 min
 Lab File: VY001447.D
 Acq: 31 Jan 2020 12:11

Tgt Ion:225 Resp: 30891
 Ion Ratio Lower Upper
 225 100
 223 63.3 31.2 93.6
 227 62.6 31.0 93.0

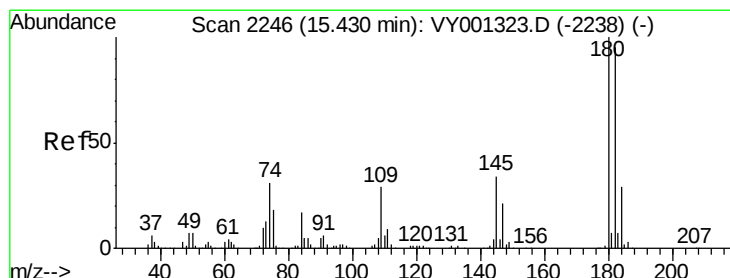
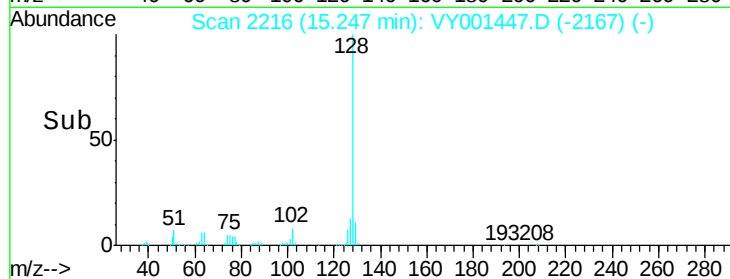
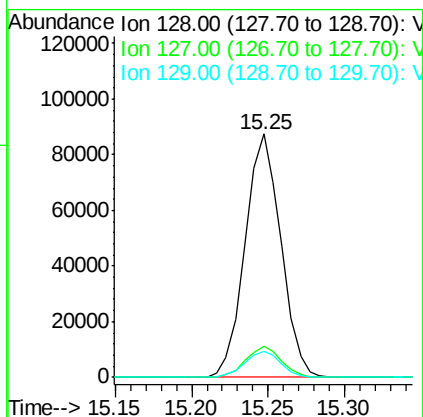
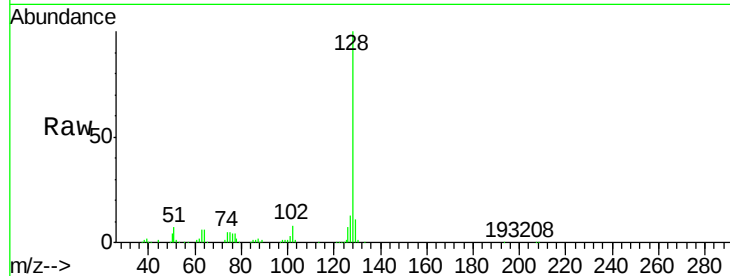




#95
Naphthalene
Concen: 22.12 ug/l
RT: 15.25 min Scan# 2216
Delta R.T. -0.00 min
Lab File: VY001447.D
Acq: 31 Jan 2020 12:11

Instrument :
MSVOA_Y
ClientSampleId :
VY0131SBS01

Tgt Ion:128 Resp: 142337
Ion Ratio Lower Upper
128 100
127 12.6 10.2 15.2
129 10.9 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 21.86 ug/l
RT: 15.44 min Scan# 2247
Delta R.T. 0.01 min
Lab File: VY001447.D
Acq: 31 Jan 2020 12:11

Tgt Ion:180 Resp: 53951
Ion Ratio Lower Upper
180 100
182 95.1 47.3 141.8
145 34.1 16.8 50.3

