

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY012920\
 Data File : VY001415.D
 Acq On : 29 Jan 2020 11:58
 Operator : SY/MD
 Sample : VY0129SBS01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0129SBS01

Quant Time: Jan 29 15:18:58 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	193584	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.72	114	333915	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	291344	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	137351	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.18	65	103443	49.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.22%	
35) Dibromofluoromethane	7.75	113	100459	51.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.52%	
50) Toluene-d8	10.20	98	411639	54.06	ug/l	0.01
Spiked Amount	50.000		Recovery	=	108.12%	
62) 4-Bromofluorobenzene	12.49	95	148209	48.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.76%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.92	85	36524	23.92	ug/l	98
3) Chloromethane	2.13	50	52552	22.78	ug/l	97
4) Vinyl Chloride	2.27	62	54490	22.65	ug/l	97
5) Bromomethane	2.66	94	38113	23.52	ug/l	98
6) Chloroethane	2.82	64	35149	22.86	ug/l	99
7) Trichlorofluoromethane	3.15	101	72849	23.67	ug/l	99
8) Diethyl Ether	3.56	74	26552	20.43	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.93	101	47717	24.34	ug/l	98
10) Methyl Iodide	4.13	142	52678	20.37	ug/l	99
11) Tert butyl alcohol	4.99	59	29961	101.63	ug/l	95
12) 1,1-Dichloroethene	3.91	96	47882	23.30	ug/l	95
13) Acrolein	3.76	56	16789	99.70	ug/l	99
14) Allyl chloride	4.52	41	81677	22.28	ug/l	99
15) Acrylonitrile	5.21	53	64146	96.44	ug/l	100
16) Acetone	3.98	43	55211	94.79	ug/l	96
17) Carbon Disulfide	4.23	76	146517	22.67	ug/l	97
18) Methyl Acetate	4.51	43	32882	18.51	ug/l	99
19) Methyl tert-butyl Ether	5.27	73	118867	19.75	ug/l	96
20) Methylene Chloride	4.75	84	66921	23.48	ug/l	97
21) trans-1,2-Dichloroethene	5.27	96	53501	22.41	ug/l	92
22) Diisopropyl ether	6.16	45	162479	20.88	ug/l	97
23) Vinyl Acetate	6.10	43	504600	99.86	ug/l	98
24) 1,1-Dichloroethane	6.06	63	91202	22.23	ug/l	97
25) 2-Butanone	7.03	43	84737	92.42	ug/l	98
26) 2,2-Dichloropropane	7.02	77	81202	22.22	ug/l	99
27) cis-1,2-Dichloroethene	7.03	96	57679	21.62	ug/l	97
28) Bromochloromethane	7.36	49	31836	18.82	ug/l	99
29) Tetrahydrofuran	7.39	42	53057	88.95	ug/l	98
30) Chloroform	7.54	83	85089	21.16	ug/l	96
31) Cyclohexane	7.82	56	95297	23.40	ug/l	98
32) 1,1,1-Trichloroethane	7.74	97	77430	22.80	ug/l	99
36) 1,1-Dichloropropene	7.95	75	72984	23.14	ug/l	99
37) Ethyl Acetate	7.11	43	36335	18.85	ug/l	99
38) Carbon Tetrachloride	7.93	117	66400	23.62	ug/l	98

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 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)

39) Methylcyclohexane	9.21	83	98568	24.39	ug/l	99
40) Benzene	8.19	78	214901	22.72	ug/l	100
41) Methacrylonitrile	7.38	41	49727	50.00	ug/l #	100
42) 1,2-Dichloroethane	8.27	62	57142	21.62	ug/l	99
43) Isopropyl Acetate	8.30	43	72723	19.40	ug/l	98
44) Trichloroethene	8.96	130	54241	22.35	ug/l	96
45) 1,2-Dichloropropane	9.24	63	53905	22.54	ug/l	99
46) Dibromomethane	9.33	93	26493	20.64	ug/l	99
47) Bromodichloromethane	9.52	83	67275	21.92	ug/l	99
48) Methyl methacrylate	9.32	41	34686	20.36	ug/l	93
49) 1,4-Dioxane	9.32	88	6762	373.53	ug/l	99
51) 4-Methyl-2-Pentanone	10.09	43	179972	93.25	ug/l	99
52) Toluene	10.26	92	135640	22.62	ug/l	100
53) t-1,3-Dichloropropene	10.48	75	72688	21.37	ug/l	98
54) cis-1,3-Dichloropropene	9.95	75	84528	21.65	ug/l	96
55) 1,1,2-Trichloroethane	10.66	97	39470	20.83	ug/l	96
56) Ethyl methacrylate	10.53	69	55968	19.54	ug/l	98
57) 1,3-Dichloropropane	10.80	76	68405	20.72	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.80	63	101948	102.88	ug/l	98
59) 2-Hexanone	10.85	43	127319	94.76	ug/l	99
60) Dibromochloromethane	11.00	129	43725	20.63	ug/l	99
61) 1,2-Dibromoethane	11.10	107	37131	20.73	ug/l	100
64) Tetrachloroethene	10.74	164	43167	23.20	ug/l	95
65) Chlorobenzene	11.53	112	136638	22.25	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.60	131	46399	22.14	ug/l	99
67) Ethyl Benzene	11.61	91	261667	23.12	ug/l	99
68) m/p-Xylenes	11.71	106	193548	45.79	ug/l	100
69) o-Xylene	12.04	106	92746	22.81	ug/l	99
70) Styrene	12.05	104	159836	22.40	ug/l	99
71) Bromoform	12.22	173	25165	20.12	ug/l #	99
73) Isopropylbenzene	12.34	105	248318	22.91	ug/l	99
74) N-amyl acetate	12.16	43	68367	19.27	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.59	83	46299	19.95	ug/l	99
76) 1,2,3-Trichloropropane	12.64	75	61024	36.87	ug/l #	100
77) Bromobenzene	12.62	156	53706	22.37	ug/l	96
78) n-propylbenzene	12.68	91	305142	23.39	ug/l	99
79) 2-Chlorotoluene	12.77	91	169575	22.75	ug/l	100
80) 1,3,5-Trimethylbenzene	12.82	105	207591	22.95	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.39	75	17039	19.48	ug/l	98
82) 4-Chlorotoluene	12.86	91	175355	22.03	ug/l	98
83) tert-Butylbenzene	13.08	119	173450	22.75	ug/l	98
84) 1,2,4-Trimethylbenzene	13.13	105	207050	22.80	ug/l	99
85) sec-Butylbenzene	13.27	105	256361	23.66	ug/l	100
86) p-Isopropyltoluene	13.38	119	224371	23.50	ug/l	99
87) 1,3-Dichlorobenzene	13.38	146	104224	22.54	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	103747	22.10	ug/l	100
89) n-Butylbenzene	13.70	91	225595	23.48	ug/l	99
90) Hexachloroethane	13.97	117	41697	23.04	ug/l	100
91) 1,2-Dichlorobenzene	13.75	146	91794	21.53	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.37	75	7708	19.24	ug/l	93

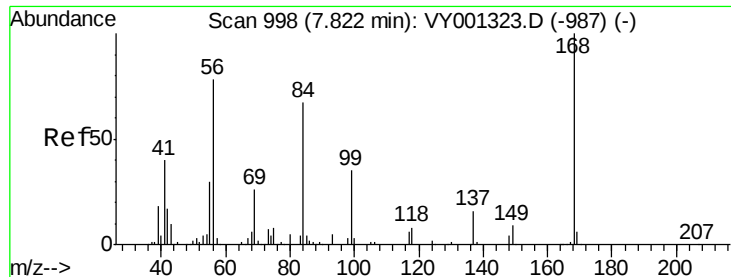
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY012920\
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	60780	21.24	ug/l	98
94) Hexachlorobutadiene	15.12	225	31397	22.53	ug/l	98
95) Naphthalene	15.25	128	127879	19.54	ug/l	99
96) 1,2,3-Trichlorobenzene	15.44	180	52016	20.72	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.82 min Scan# 998

Delta R.T. -0.00 min

Lab File: VY001415.D

Acq: 29 Jan 2020 11:58

Instrument :

MSVOA_Y

ClientSampleId :

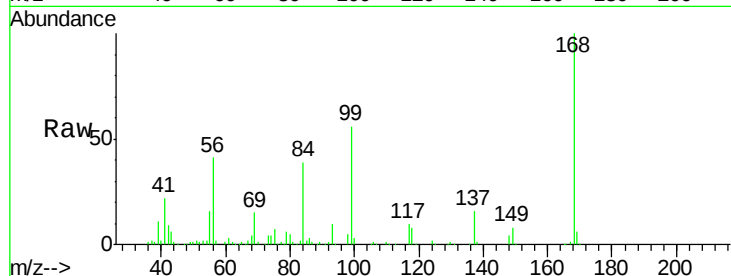
VY0129SBS01

Tgt Ion:168 Resp: 193584

Ion Ratio Lower Upper

168 100

99 56.5 44.3 66.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VY0

7.82

80000

60000

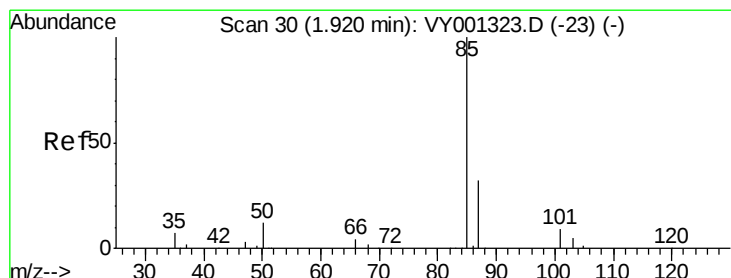
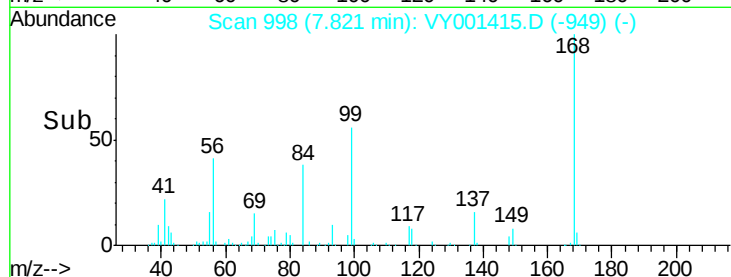
40000

20000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 23.92 ug/l

RT: 1.92 min Scan# 30

Delta R.T. -0.00 min

Lab File: VY001415.D

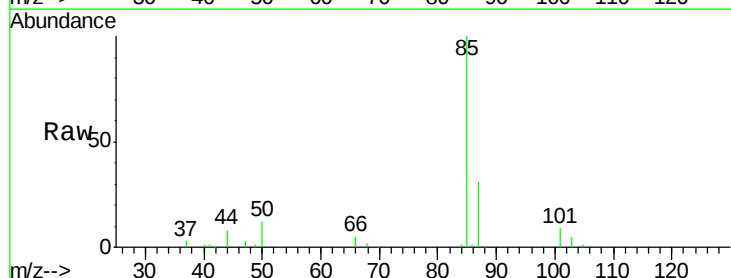
Acq: 29 Jan 2020 11:58

Tgt Ion: 85 Resp: 36524

Ion Ratio Lower Upper

85 100

87 30.7 16.0 48.0



Abundance Ion 84.90 (84.60 to 85.60): VY0

Ion 86.90 (86.60 to 87.60): VY0

1.92

30000

25000

20000

15000

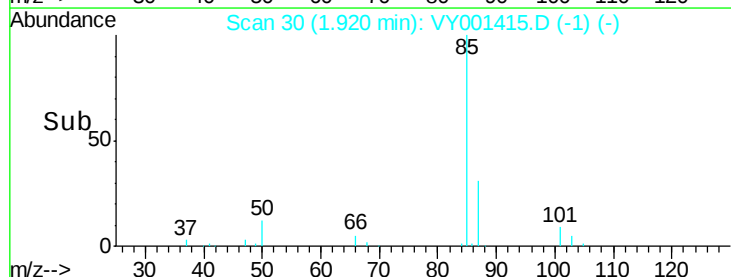
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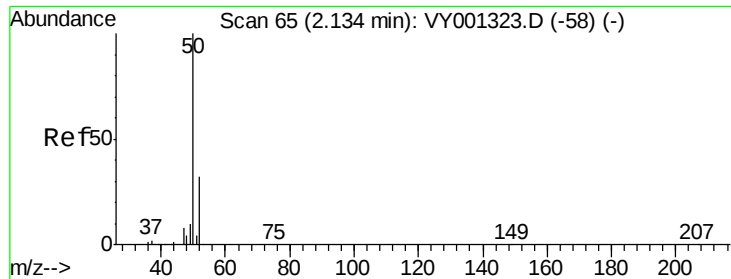
5000

0

1.85 1.90 1.95 2.00 2.05

Time-->





#3

Chloromethane

Concen: 22.78 ug/l

RT: 2.13 min Scan# 65

Delta R.T. -0.00 min

Lab File: VY001415.D

Acq: 29 Jan 2020 11:58

Instrument :

MSVOA_Y

ClientSampleId :

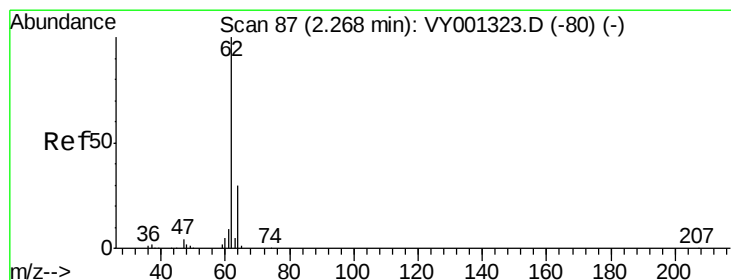
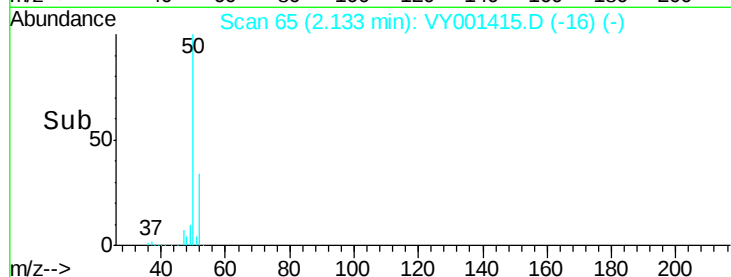
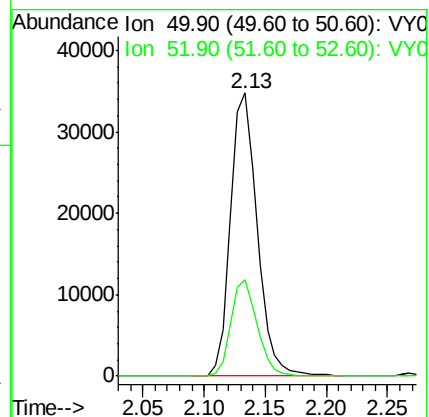
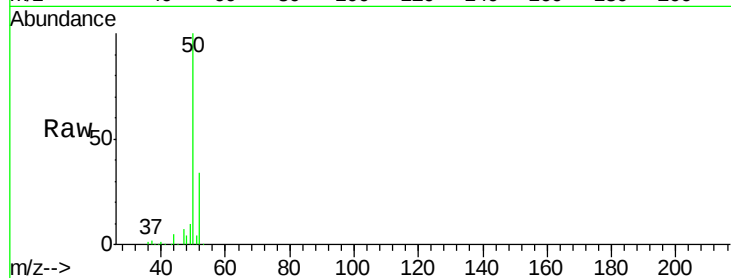
VY0129SBS01

Tgt Ion: 50 Resp: 52552

Ion Ratio Lower Upper

50 100

52 34.0 25.7 38.5



#4

Vinyl Chloride

Concen: 22.65 ug/l

RT: 2.27 min Scan# 87

Delta R.T. -0.00 min

Lab File: VY001415.D

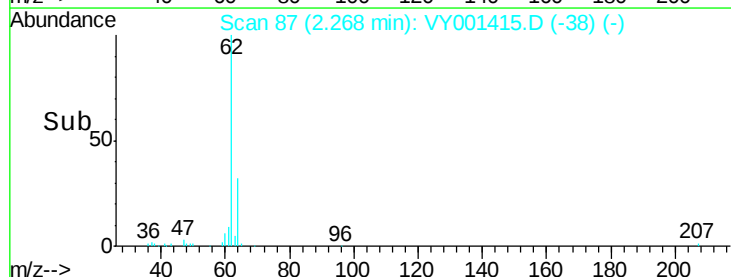
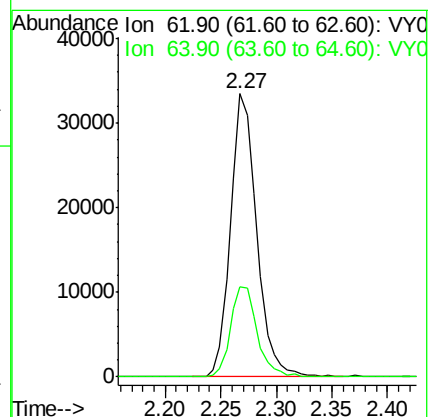
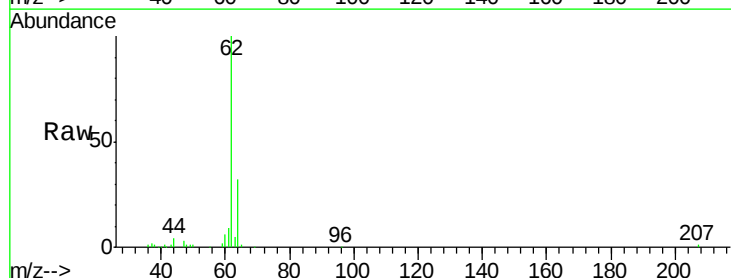
Acq: 29 Jan 2020 11:58

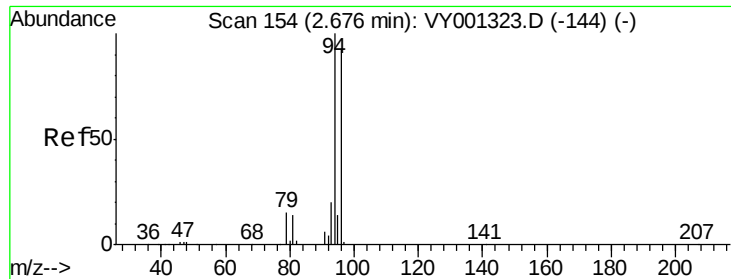
Tgt Ion: 62 Resp: 54490

Ion Ratio Lower Upper

62 100

64 31.7 23.9 35.9





#5

Bromomethane

Concen: 23.52 ug/l

RT: 2.66 min Scan# 152

Delta R.T. -0.01 min

Lab File: VY001415.D

Acq: 29 Jan 2020 11:58

Instrument :

MSVOA_Y

ClientSampleId :

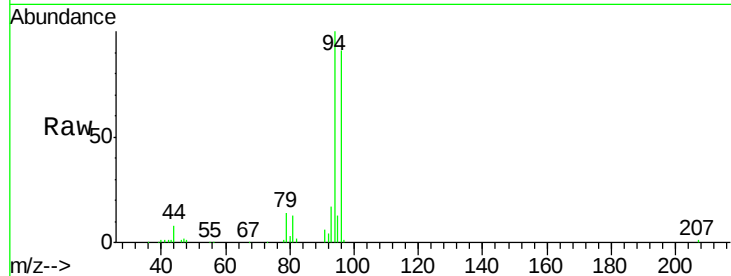
VY0129SBS01

Tgt Ion: 94 Resp: 38113

Ion Ratio Lower Upper

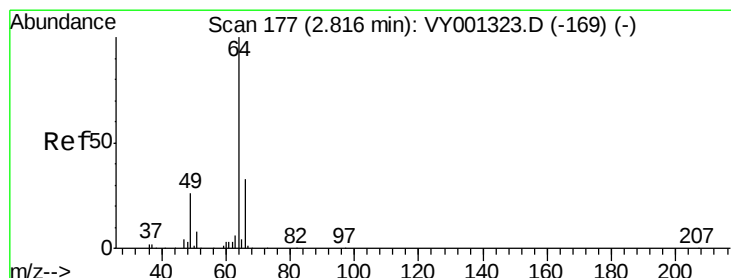
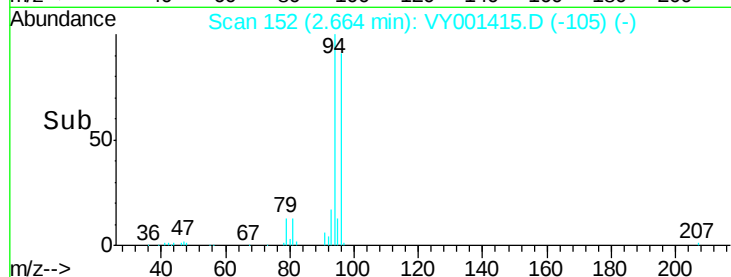
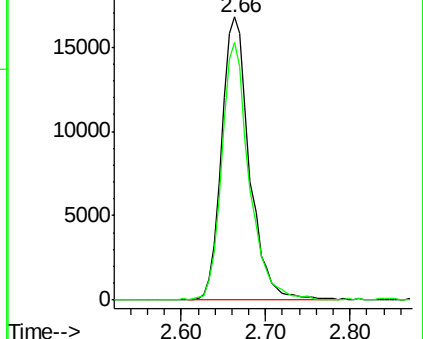
94 100

96 91.0 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: 22.86 ug/l

RT: 2.82 min Scan# 177

Delta R.T. -0.00 min

Lab File: VY001415.D

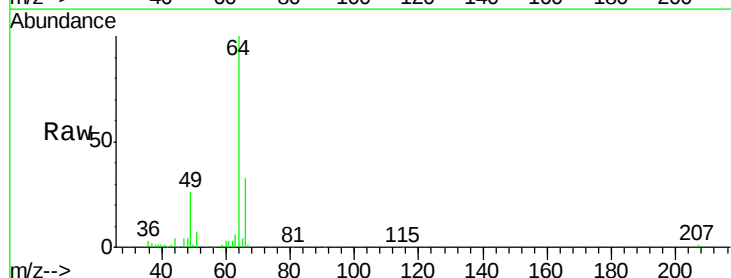
Acq: 29 Jan 2020 11:58

Tgt Ion: 64 Resp: 35149

Ion Ratio Lower Upper

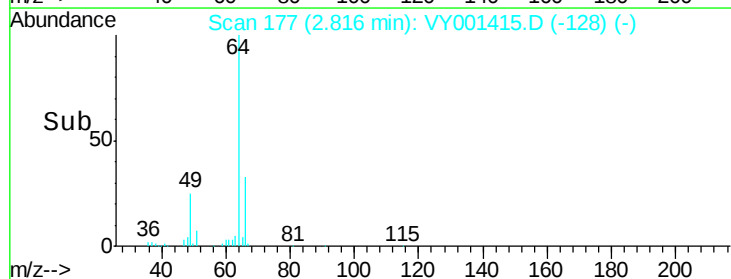
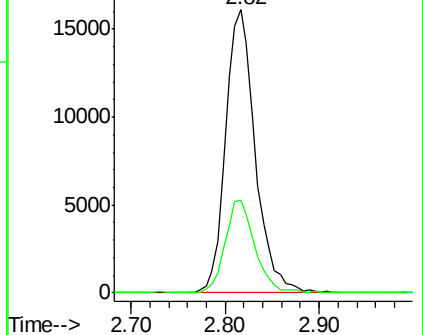
64 100

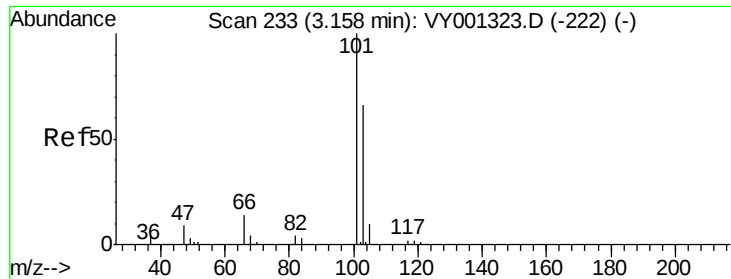
66 32.8 26.8 40.2



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0



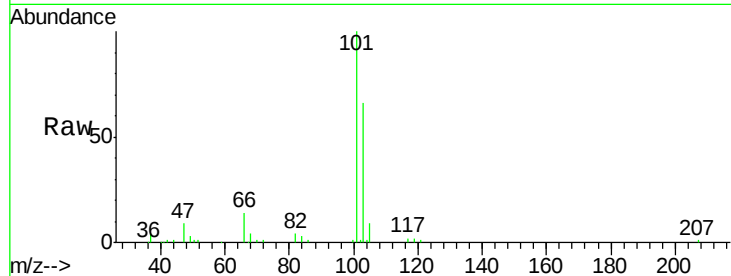


#7

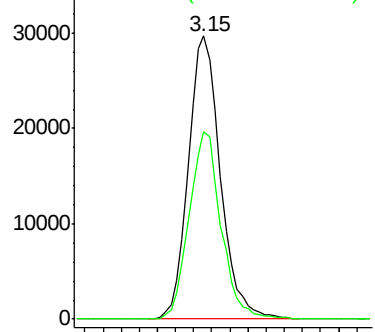
Trichlorofluoromethane
 Concen: 23.67 ug/l
 RT: 3.15 min Scan# 232
 Delta R.T. -0.01 min
 Lab File: VY001415.D
 Acq: 29 Jan 2020 11:58

Instrument :
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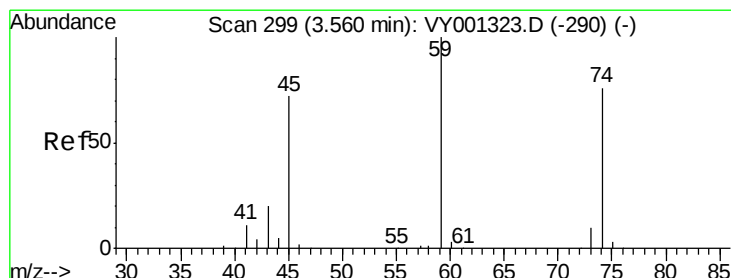
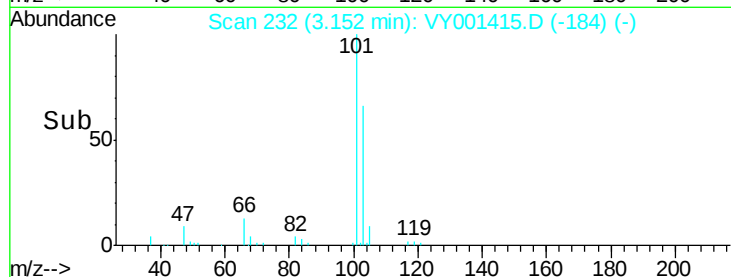
Tgt Ion:101 Resp: 72849
 Ion Ratio Lower Upper
 101 100
 103 66.0 52.5 78.7



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



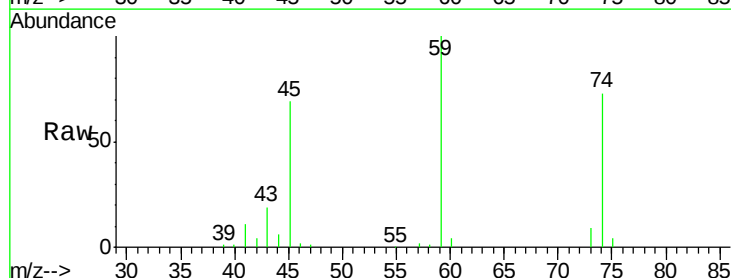
Time-->



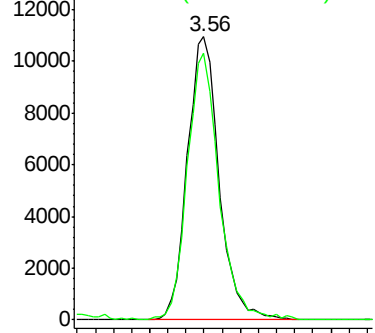
#8

Diethyl Ether
 Concen: 20.43 ug/l
 RT: 3.56 min Scan# 299
 Delta R.T. -0.00 min
 Lab File: VY001415.D
 Acq: 29 Jan 2020 11:58

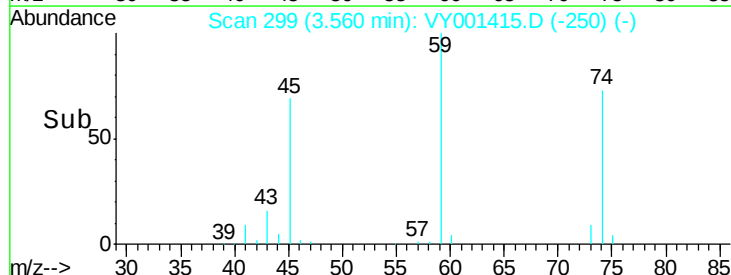
Tgt Ion: 74 Resp: 26552
 Ion Ratio Lower Upper
 74 100
 45 94.7 47.2 141.6



Abundance Ion 74.00 (73.70 to 74.70): VY0
 Ion 45.00 (44.70 to 45.70): VY0



Time-->





#9

1,1,2-Trichlorotrifluoroethane

Concen: 24.34 ug/l

RT: 3.93 min Scan# 360

Delta R.T. -0.01 min

Lab File: VY001415.D

Acq: 29 Jan 2020 11:58

Instrument :

MSVOA_Y

ClientSampleId :

VY0129SBS01

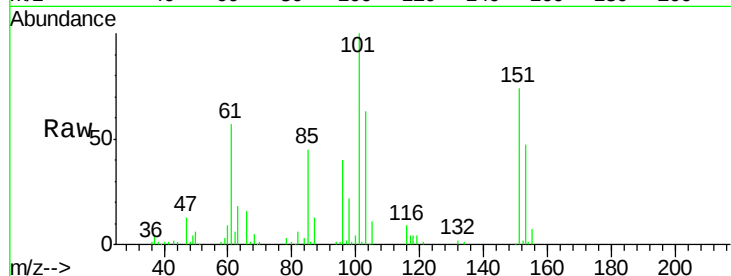
Tgt Ion:101 Resp: 47717

Ion Ratio Lower Upper

101 100

85 43.6 34.9 52.3

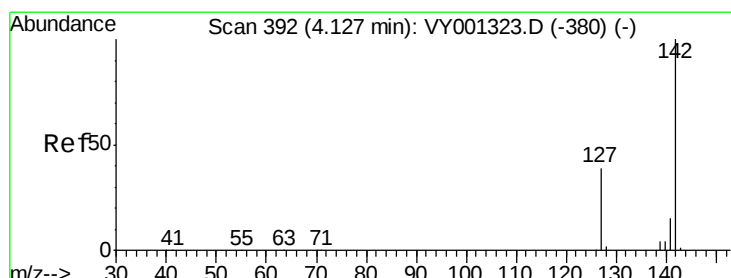
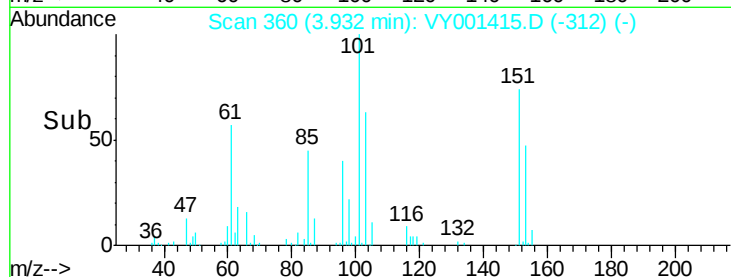
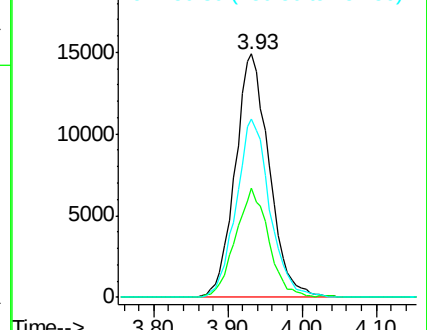
151 72.6 59.9 89.9



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: 20.37 ug/l

RT: 4.13 min Scan# 392

Delta R.T. -0.00 min

Lab File: VY001415.D

Acq: 29 Jan 2020 11:58

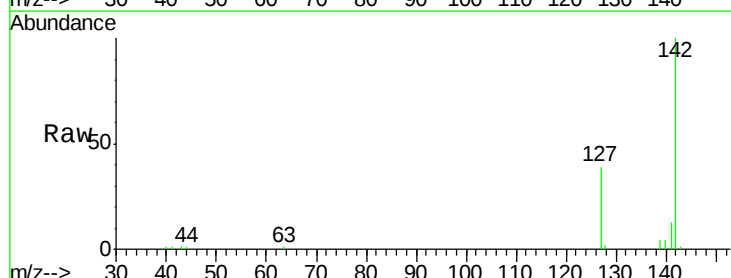
Tgt Ion:142 Resp: 52678

Ion Ratio Lower Upper

142 100

127 39.9 31.6 47.4

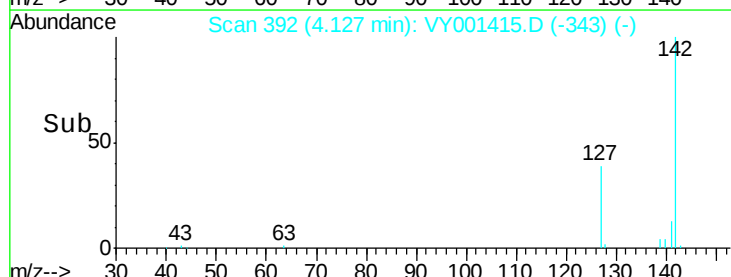
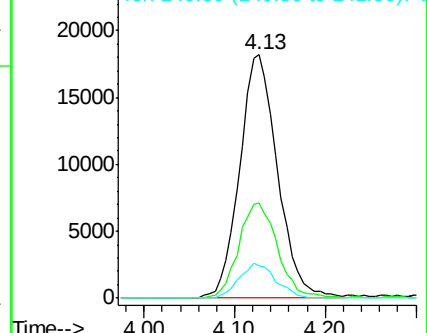
141 13.7 11.2 16.8

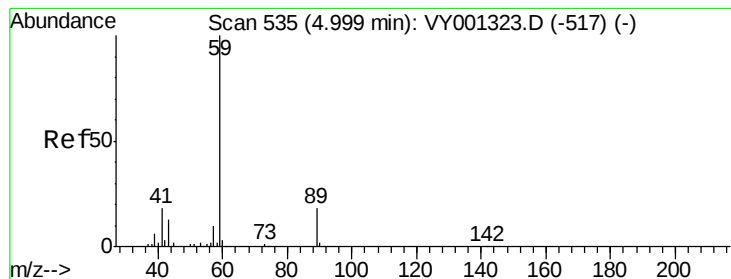


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



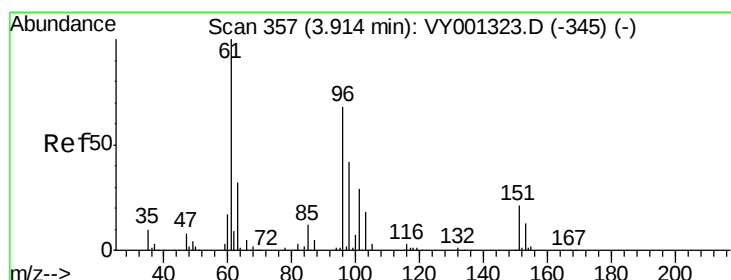
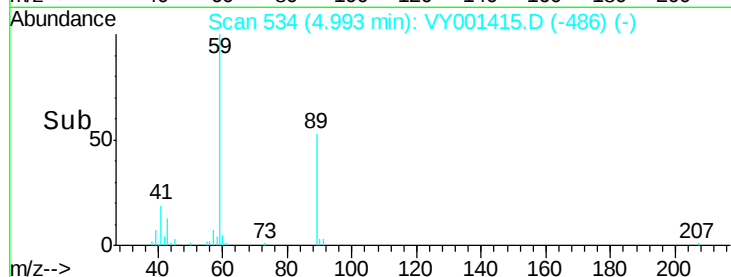
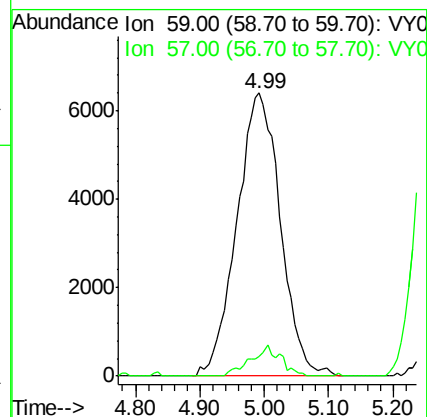
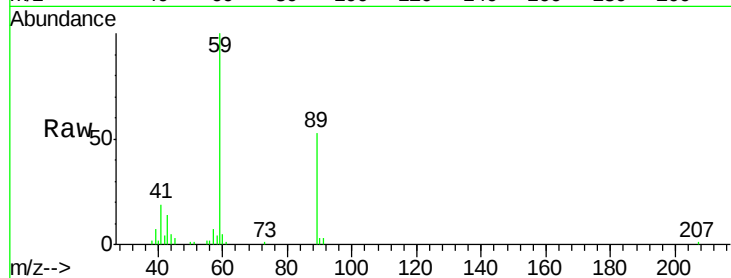


#11

Tert butyl alcohol
 Concen: 101.63 ug/l
 RT: 4.99 min Scan# 534
 Delta R.T. -0.01 min
 Lab File: VY001415.D
 Acq: 29 Jan 2020 11:58

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0129SBS01

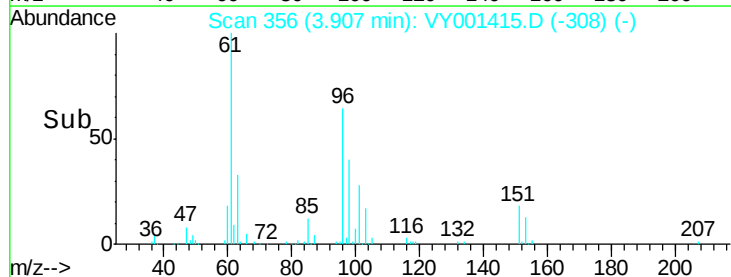
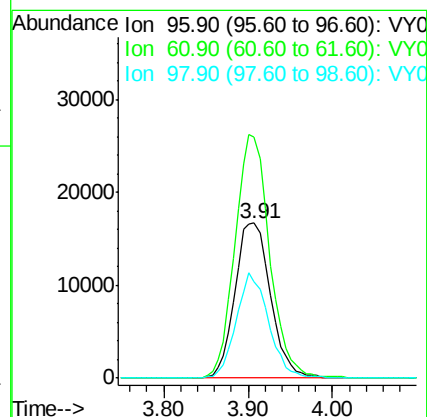
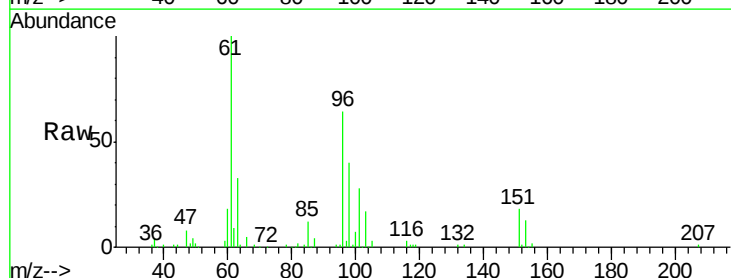
Tgt Ion: 59 Resp: 29961
 Ion Ratio Lower Upper
 59 100
 57 7.4 7.4 11.2

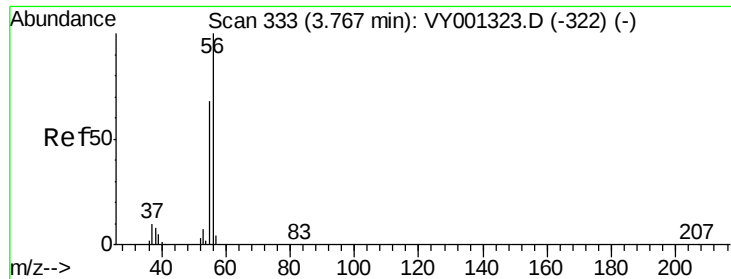


#12

1,1-Dichloroethene
 Concen: 23.30 ug/l
 RT: 3.91 min Scan# 356
 Delta R.T. -0.01 min
 Lab File: VY001415.D
 Acq: 29 Jan 2020 11:58

Tgt Ion: 96 Resp: 47882
 Ion Ratio Lower Upper
 96 100
 61 155.5 118.0 177.0
 98 62.2 49.4 74.2





#13

Acrolein

Concen: 99.70 ug/l

RT: 3.76 min Scan# 332

Delta R.T. -0.01 min

Lab File: VY001415.D

Acq: 29 Jan 2020 11:58

Instrument :

MSVOA_Y

ClientSampleId :

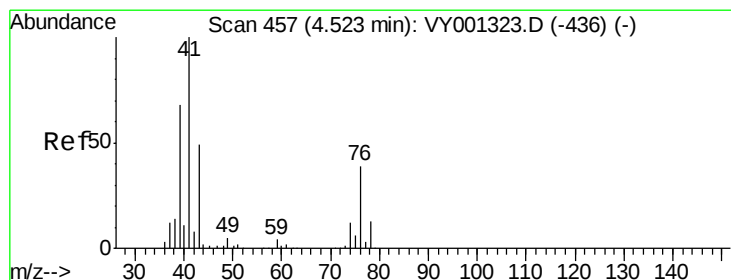
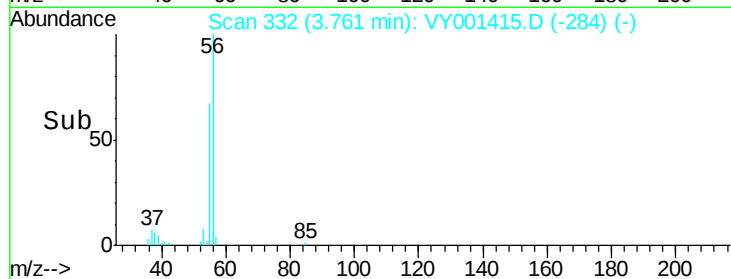
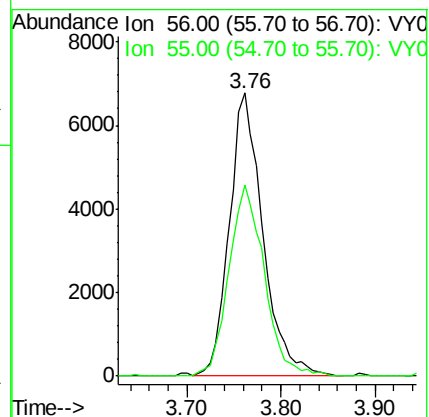
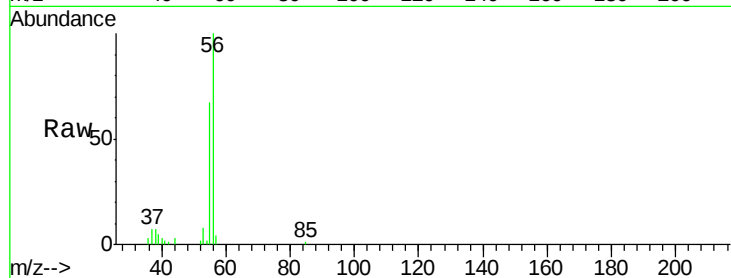
VY0129SBS01

Tgt Ion: 56 Resp: 16789

Ion Ratio Lower Upper

56 100

55 71.0 55.9 83.9



#14

Allyl chloride

Concen: 22.28 ug/l

RT: 4.52 min Scan# 456

Delta R.T. -0.01 min

Lab File: VY001415.D

Acq: 29 Jan 2020 11:58

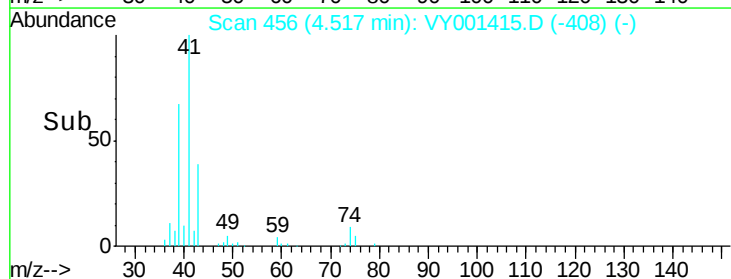
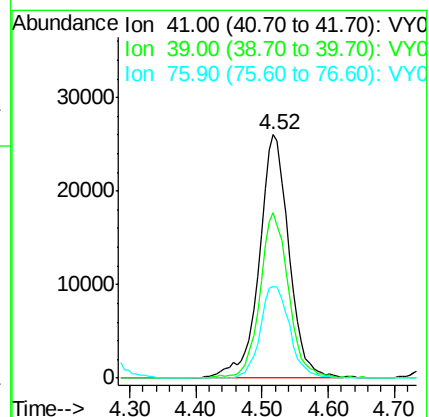
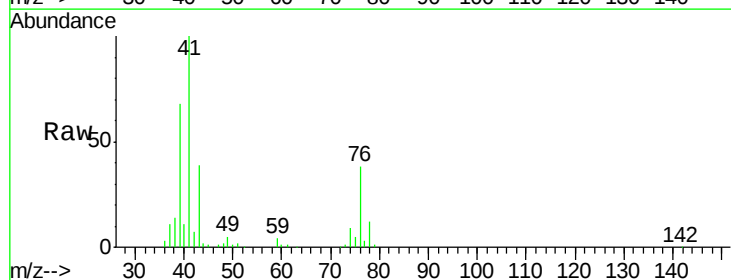
Tgt Ion: 41 Resp: 81677

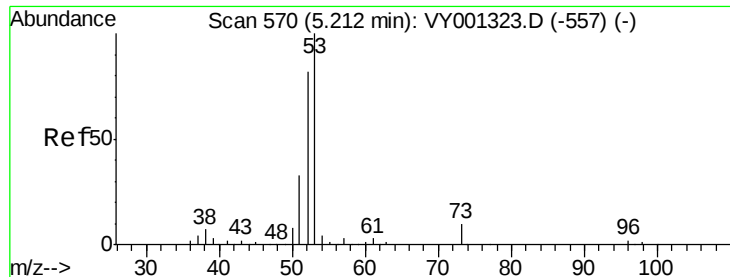
Ion Ratio Lower Upper

41 100

39 65.3 52.2 78.4

76 37.3 29.1 43.7





#15

Acrylonitrile

Concen: 96.44 ug/l

RT: 5.21 min Scan# 570

Delta R.T. -0.00 min

Lab File: VY001415.D

Acq: 29 Jan 2020 11:58

Instrument :

MSVOA_Y

ClientSampleId :

VY0129SBS01

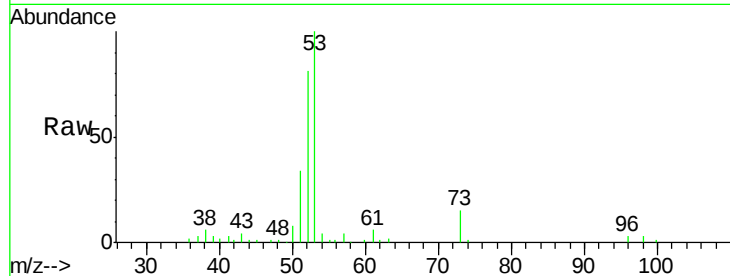
Tgt Ion: 53 Resp: 64146

Ion Ratio Lower Upper

53 100

52 81.8 65.3 97.9

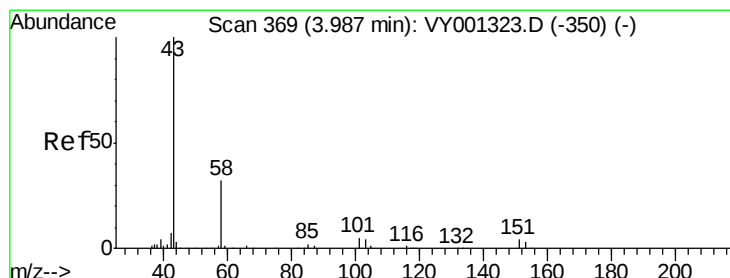
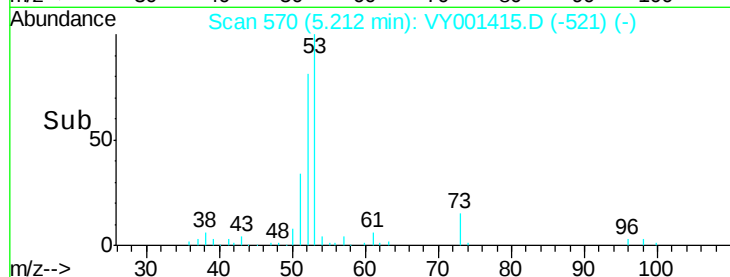
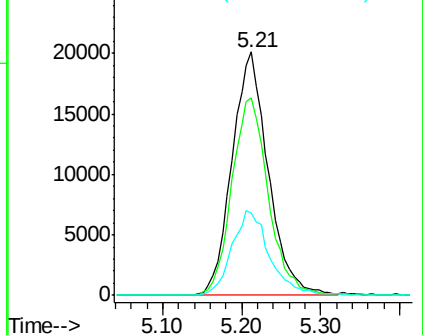
51 36.1 28.4 42.6



Abundance Ion 53.00 (52.70 to 53.70): VY0

Ion 52.00 (51.70 to 52.70): VY0

Ion 51.00 (50.70 to 51.70): VY0



#16

Acetone

Concen: 94.79 ug/l

RT: 3.98 min Scan# 368

Delta R.T. -0.01 min

Lab File: VY001415.D

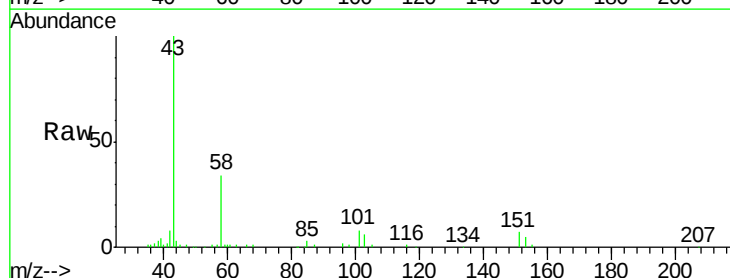
Acq: 29 Jan 2020 11:58

Tgt Ion: 43 Resp: 55211

Ion Ratio Lower Upper

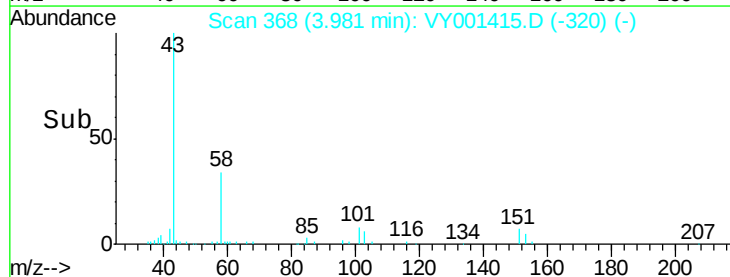
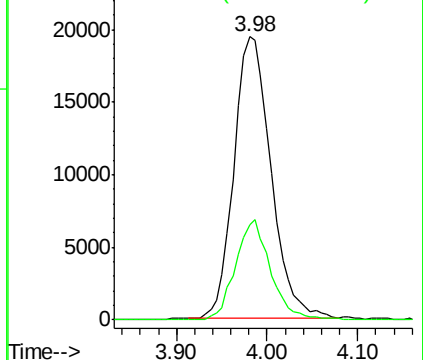
43 100

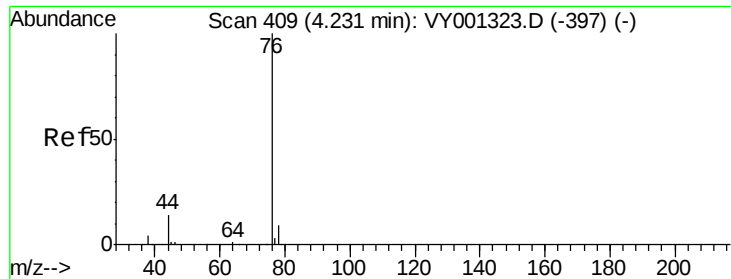
58 33.9 25.4 38.0



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0

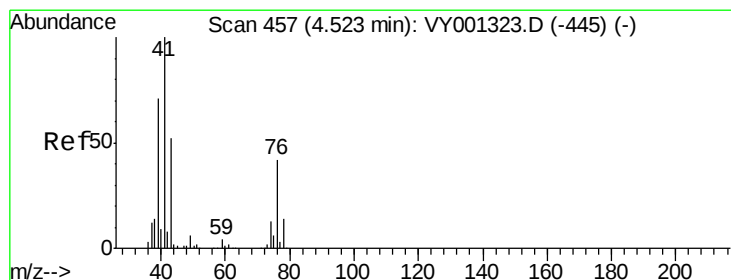
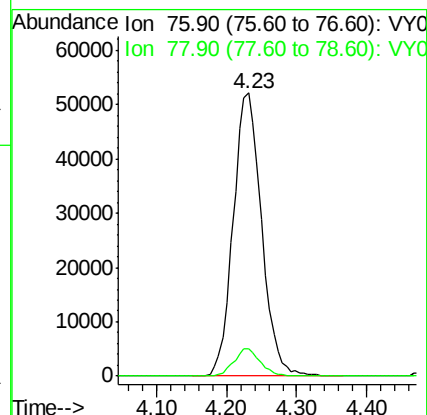
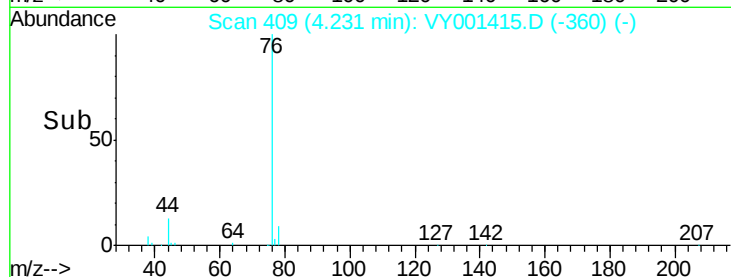
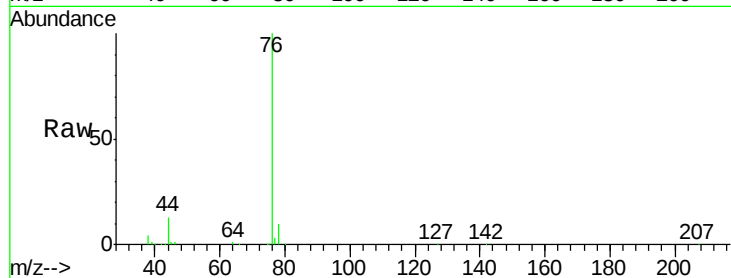




#17
Carbon Disulfide
Concen: 22.67 ug/l
RT: 4.23 min Scan# 409
Delta R.T. -0.00 min
Lab File: VY001415.D
Acq: 29 Jan 2020 11:58

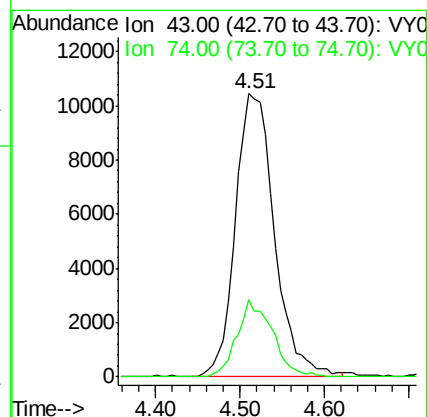
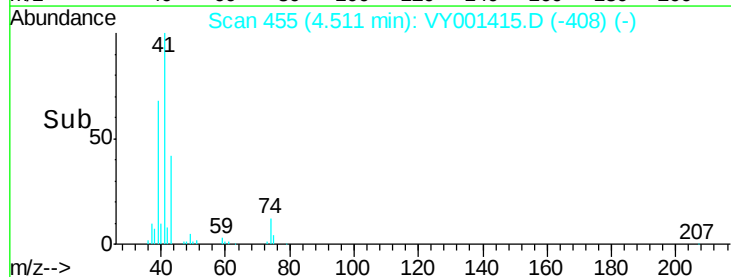
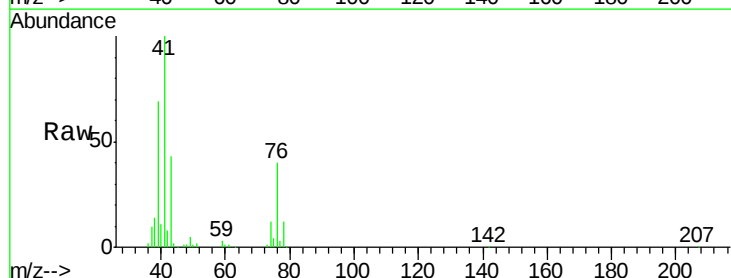
Instrument :
MSVOA_Y
ClientSampleId :
VY0129SBS01

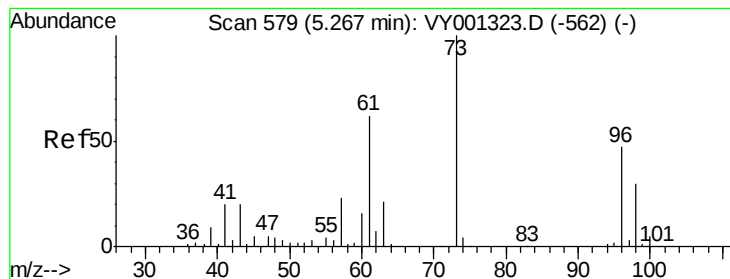
Tgt Ion: 76 Resp: 146517
Ion Ratio Lower Upper
76 100
78 9.9 7.0 10.6



#18
Methyl Acetate
Concen: 18.51 ug/l
RT: 4.51 min Scan# 455
Delta R.T. -0.01 min
Lab File: VY001415.D
Acq: 29 Jan 2020 11:58

Tgt Ion: 43 Resp: 32882
Ion Ratio Lower Upper
43 100
74 24.7 19.4 29.2





#19

Methyl tert-butyl Ether

Concen: 19.75 ug/l

RT: 5.27 min Scan# 579

Delta R.T. -0.00 min

Lab File: VY001415.D

Acq: 29 Jan 2020 11:58

Instrument :

MSVOA_Y

ClientSampleId :

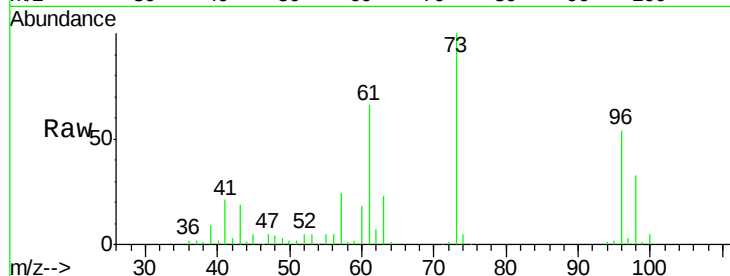
VY0129SBS01

Tgt Ion: 73 Resp: 118867

Ion Ratio Lower Upper

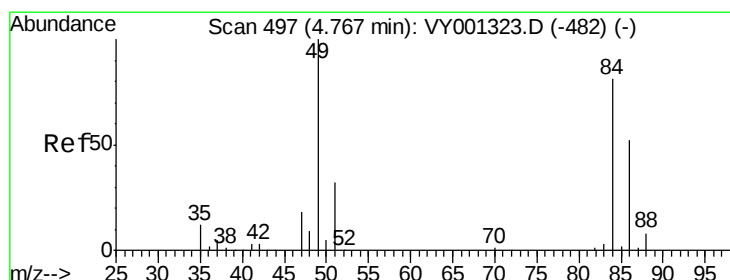
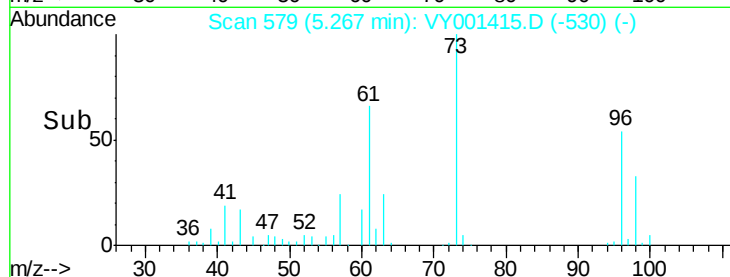
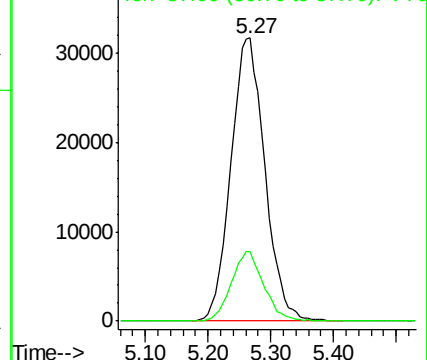
73 100

57 24.5 18.2 27.2



Abundance Ion 73.00 (72.70 to 73.70): VY0

Ion 57.00 (56.70 to 57.70): VY0



#20

Methylene Chloride

Concen: 23.48 ug/l

RT: 4.75 min Scan# 495

Delta R.T. -0.01 min

Lab File: VY001415.D

Acq: 29 Jan 2020 11:58

Tgt Ion: 84 Resp: 66921

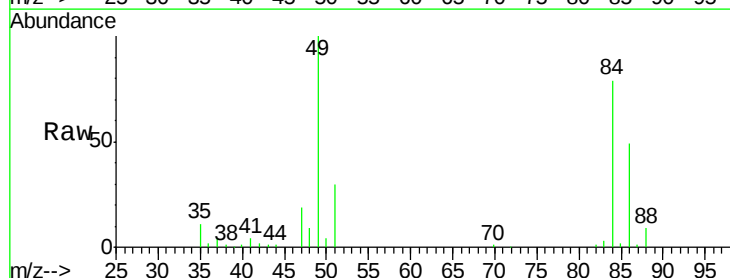
Ion Ratio Lower Upper

84 100

49 125.9 98.3 147.5

51 37.6 31.6 47.4

86 61.6 51.1 76.7

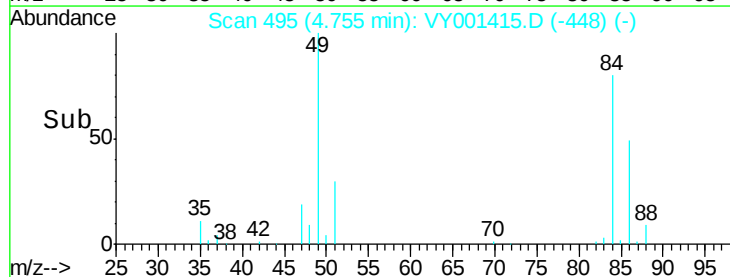
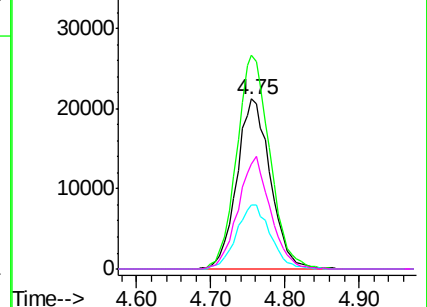


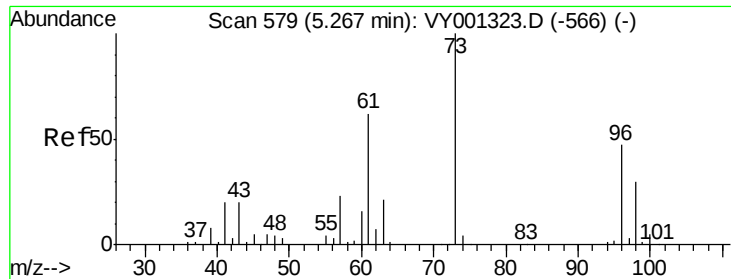
Abundance Ion 83.90 (83.60 to 84.60): VY0

Ion 48.90 (48.60 to 49.60): VY0

Ion 50.90 (50.60 to 51.60): VY0

Ion 85.90 (85.60 to 86.60): VY0





#21

trans-1,2-Dichloroethene

Concen: 22.41 ug/l

RT: 5.27 min Scan# 579

Delta R.T. -0.00 min

Lab File: VY001415.D

Acq: 29 Jan 2020 11:58

Instrument :

MSVOA_Y

ClientSampleId :

VY0129SBS01

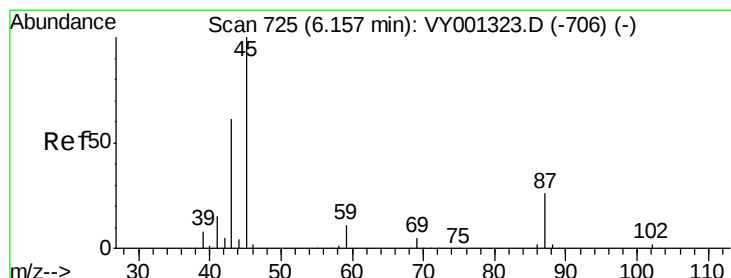
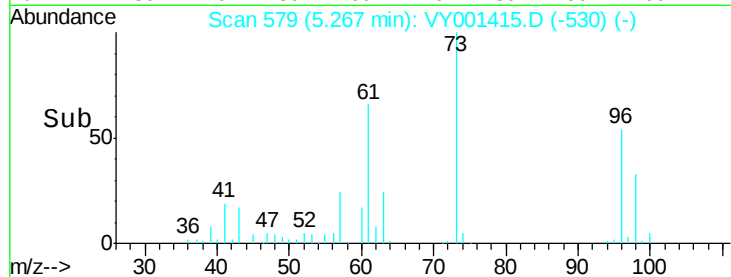
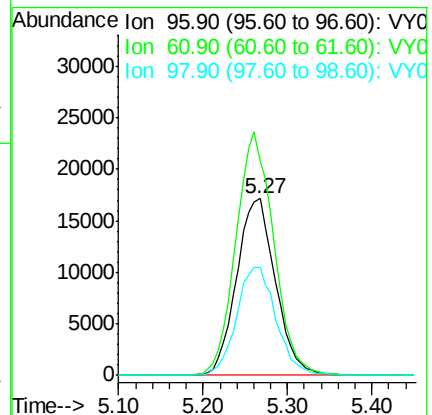
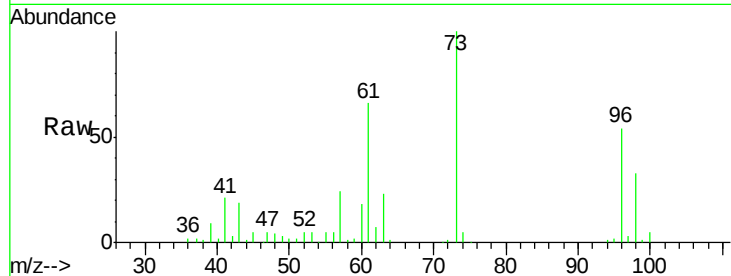
Tgt Ion: 96 Resp: 53501

Ion Ratio Lower Upper

96 100

61 121.2 106.8 160.2

98 61.5 51.0 76.6



#22

Diisopropyl ether

Concen: 20.88 ug/l

RT: 6.16 min Scan# 725

Delta R.T. -0.00 min

Lab File: VY001415.D

Acq: 29 Jan 2020 11:58

Tgt Ion: 45 Resp: 162479

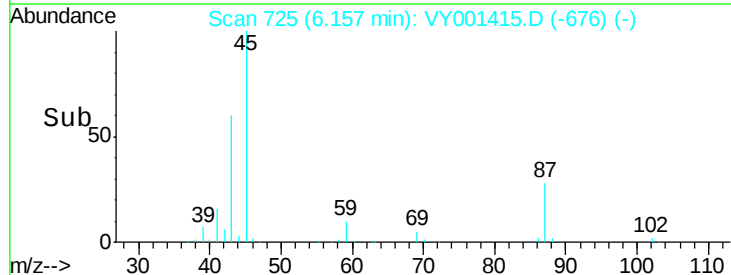
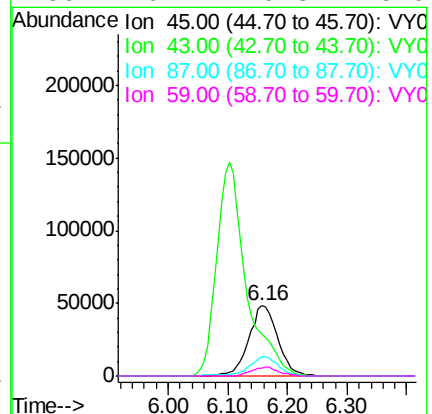
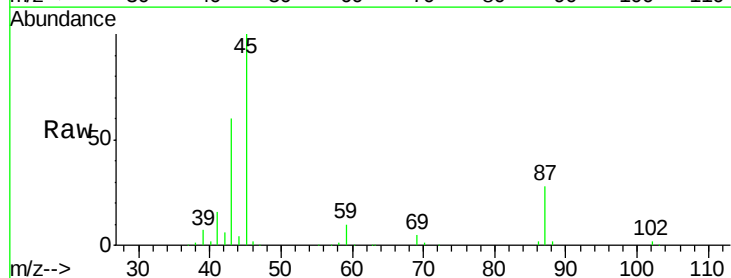
Ion Ratio Lower Upper

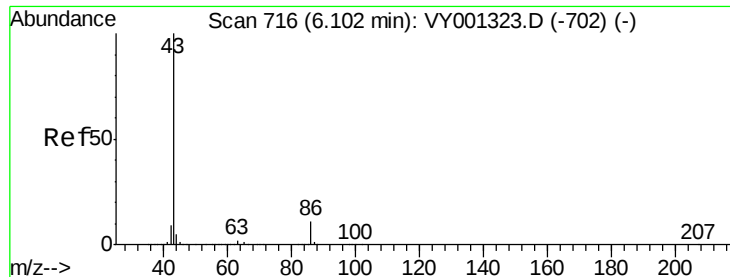
45 100

43 59.3 49.2 73.8

87 28.1 21.4 32.2

59 10.4 9.3 13.9





#23

Vinyl Acetate

Concen: 99.86 ug/l

RT: 6.10 min Scan# 716

Delta R.T. -0.00 min

Lab File: VY001415.D

Acq: 29 Jan 2020 11:58

Instrument :

MSVOA_Y

ClientSampleId :

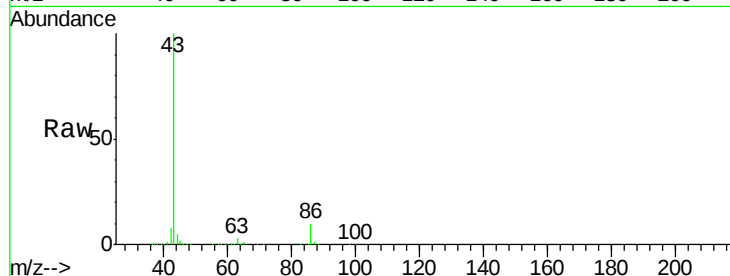
VY0129SBS01

Tgt Ion: 43 Resp: 504600

Ion Ratio Lower Upper

43 100

86 10.1 8.6 13.0



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0

6.10

150000

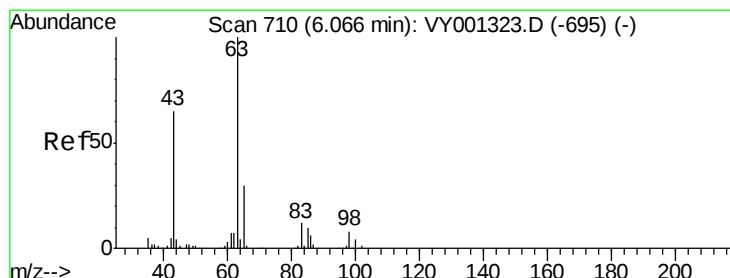
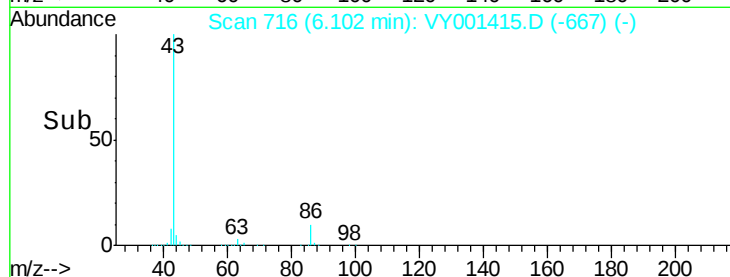
100000

50000

0

Time-->

6.00 6.10 6.20 6.30



#24

1,1-Dichloroethane

Concen: 22.23 ug/l

RT: 6.06 min Scan# 709

Delta R.T. -0.01 min

Lab File: VY001415.D

Acq: 29 Jan 2020 11:58

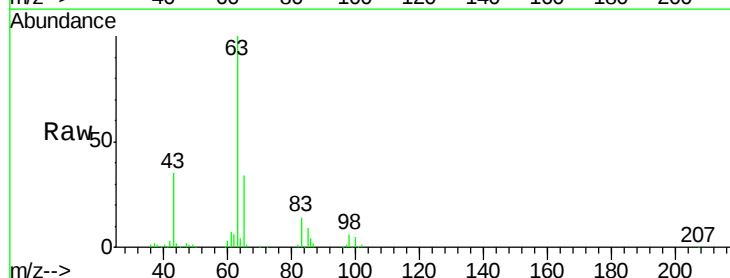
Tgt Ion: 63 Resp: 91202

Ion Ratio Lower Upper

63 100

98 6.5 4.0 12.0

100 4.8 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

6.06

40000

30000

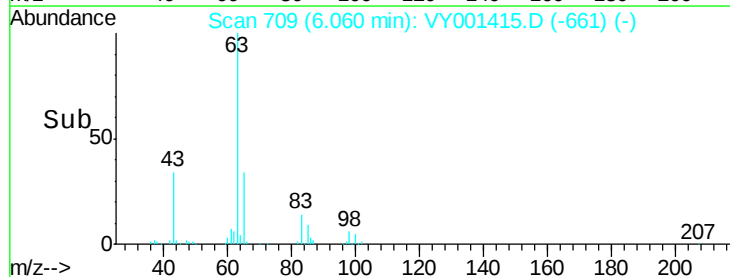
20000

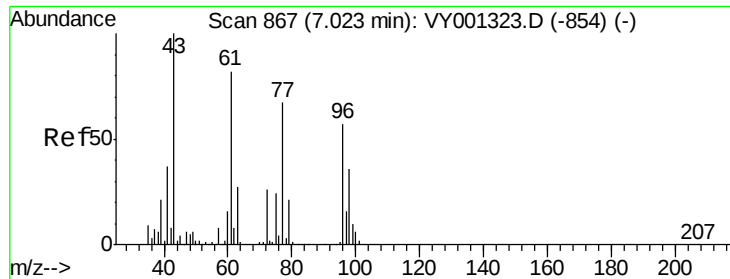
10000

0

Time-->

5.90 6.00 6.10 6.20

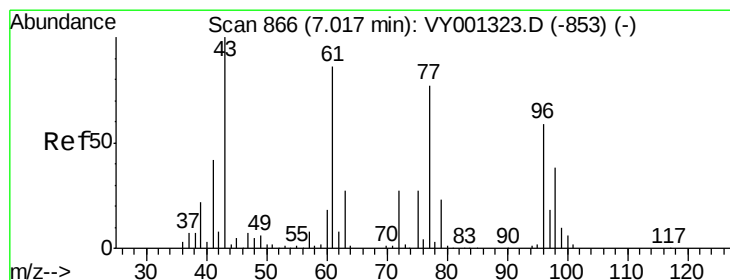
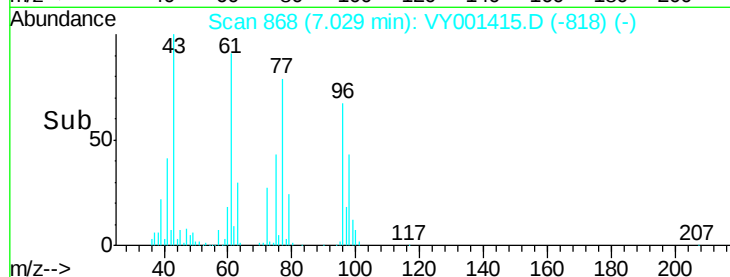
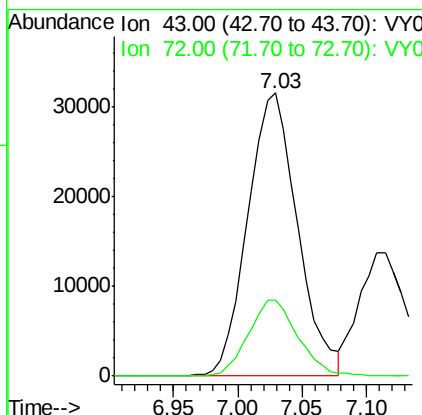
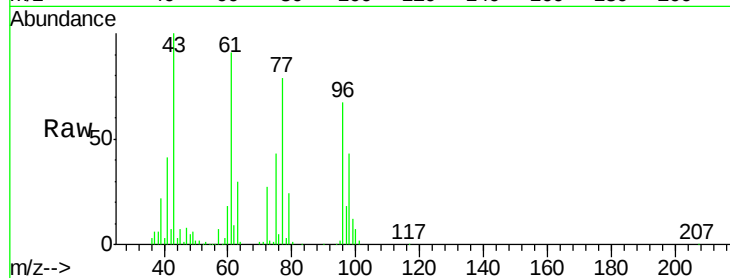




#25
2-Butanone
Concen: 92.42 ug/l
RT: 7.03 min Scan# 868
Delta R.T. 0.01 min
Lab File: VY001415.D
Acq: 29 Jan 2020 11:58

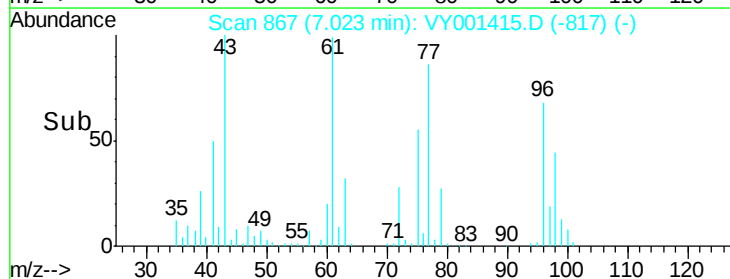
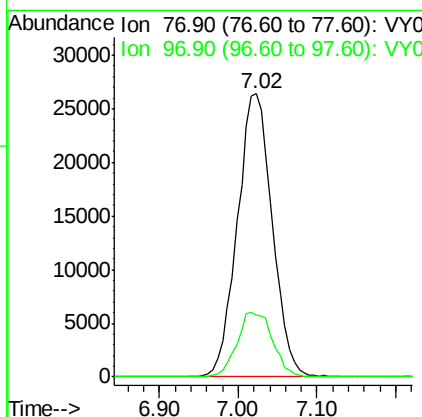
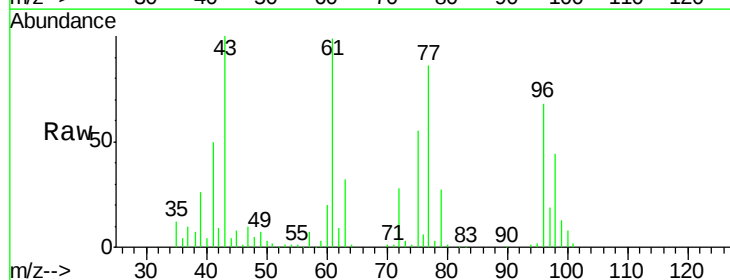
Instrument :
MSVOA_Y
ClientSampleId :
VY0129SBS01

Tgt Ion: 43 Resp: 84737
Ion Ratio Lower Upper
43 100
72 26.8 20.6 31.0



#26
2,2-Dichloropropane
Concen: 22.22 ug/l
RT: 7.02 min Scan# 867
Delta R.T. 0.01 min
Lab File: VY001415.D
Acq: 29 Jan 2020 11:58

Tgt Ion: 77 Resp: 81202
Ion Ratio Lower Upper
77 100
97 23.2 11.9 35.5



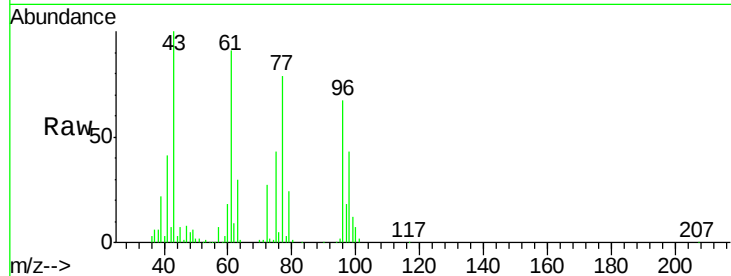


#27

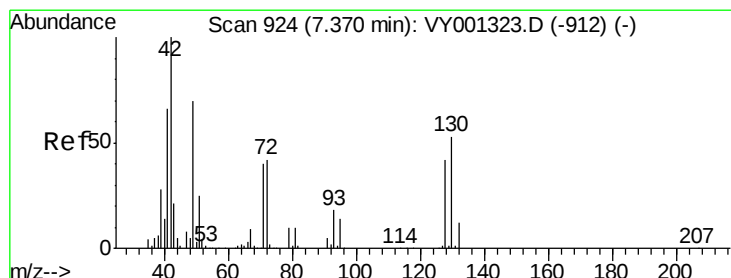
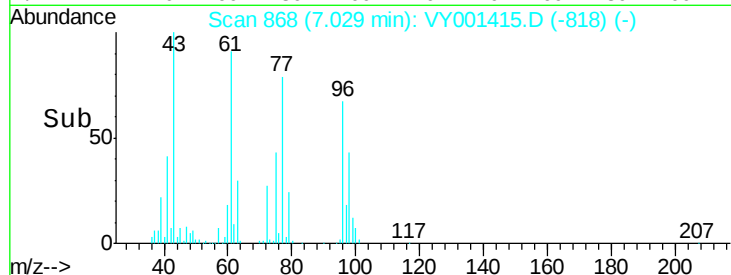
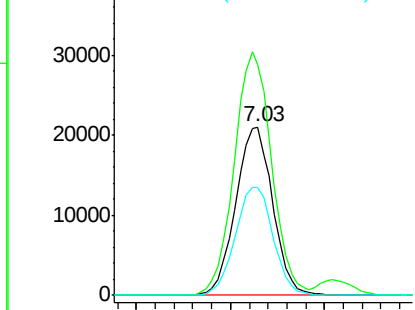
cis-1,2-Dichloroethene
Concen: 21.62 ug/l
RT: 7.03 min Scan# 868
Delta R.T. 0.01 min
Lab File: VY001415.D
Acq: 29 Jan 2020 11:58

Instrument :
MSVOA_Y
ClientSampled :
VY0129SBS01

Tgt Ion: 96 Resp: 57679
Ion Ratio Lower Upper
96 100
61 146.4 0.0 284.8
98 65.5 0.0 128.4



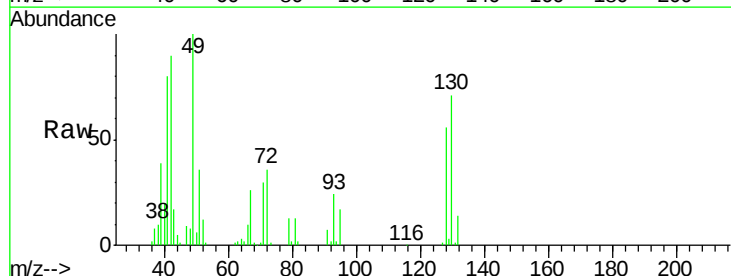
Abundance Ion 95.90 (95.60 to 96.60): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 97.90 (97.60 to 98.60): VY0



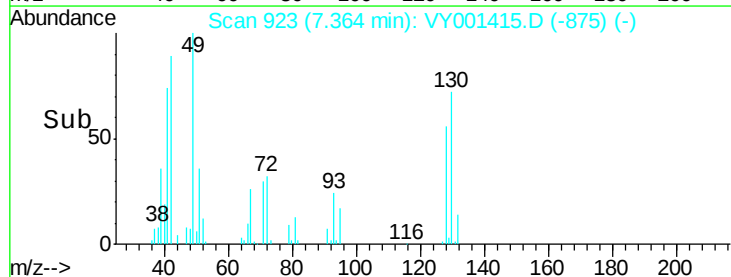
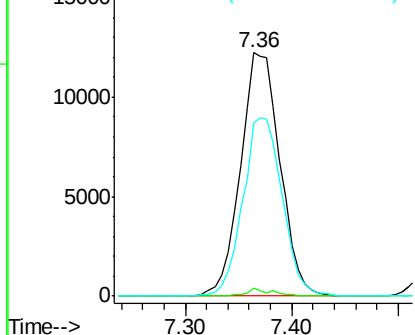
#28

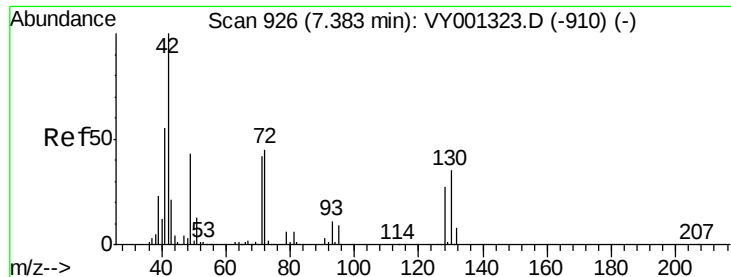
Bromochloromethane
Concen: 18.82 ug/l
RT: 7.36 min Scan# 923
Delta R.T. -0.01 min
Lab File: VY001415.D
Acq: 29 Jan 2020 11:58

Tgt Ion: 49 Resp: 31836
Ion Ratio Lower Upper
49 100
129 2.1 0.0 4.0
130 73.1 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

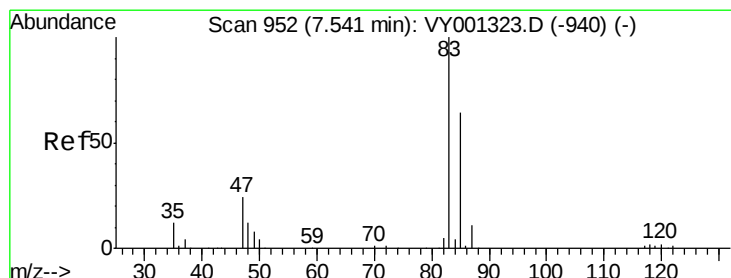
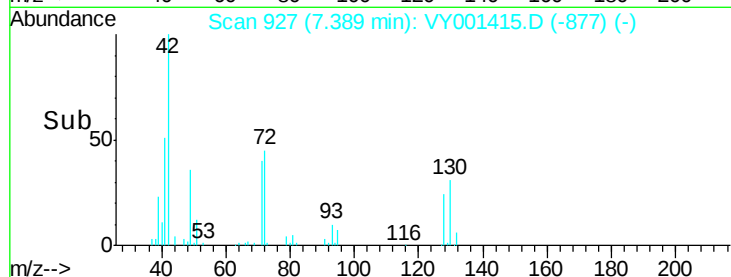
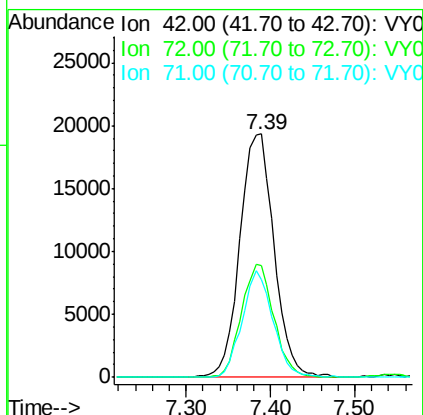
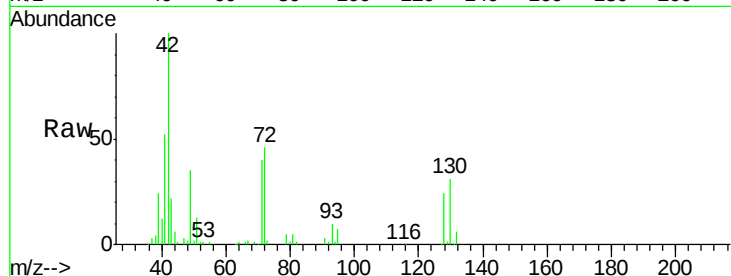




#29
Tetrahydrofuran
Concen: 88.95 ug/l
RT: 7.39 min Scan# 927
Delta R.T. 0.01 min
Lab File: VY001415.D
Acq: 29 Jan 2020 11:58

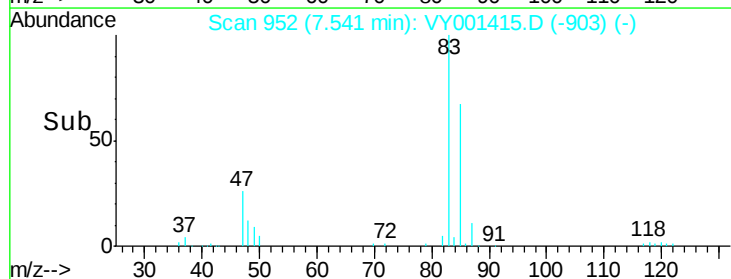
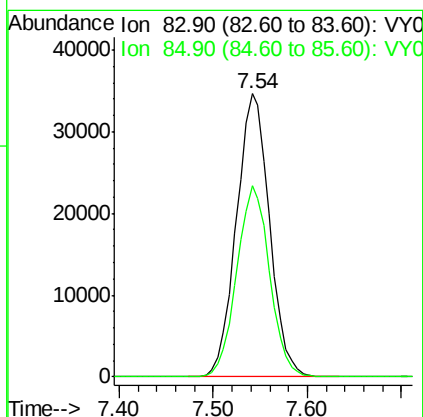
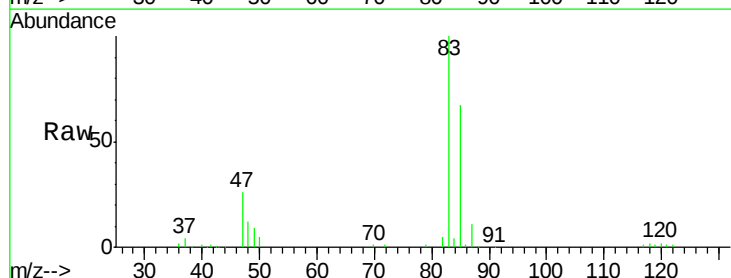
Instrument :
MSVOA_Y
ClientSampleId :
VY0129SBS01

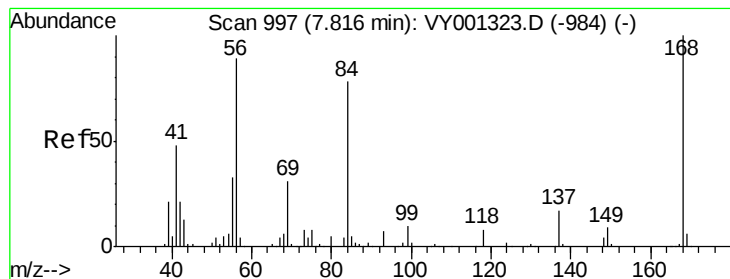
Tgt Ion: 42 Resp: 53057
Ion Ratio Lower Upper
42 100
72 44.1 34.6 51.8
71 39.5 32.6 48.8



#30
Chloroform
Concen: 21.16 ug/l
RT: 7.54 min Scan# 952
Delta R.T. -0.00 min
Lab File: VY001415.D
Acq: 29 Jan 2020 11:58

Tgt Ion: 83 Resp: 85089
Ion Ratio Lower Upper
83 100
85 67.4 51.5 77.3





#31

Cyclohexane

Concen: 23.40 ug/l

RT: 7.82 min Scan# 997

Delta R.T. -0.00 min

Lab File: VY001415.D

Acq: 29 Jan 2020 11:58

Instrument :

MSVOA_Y

ClientSampleId :

VY0129SBS01

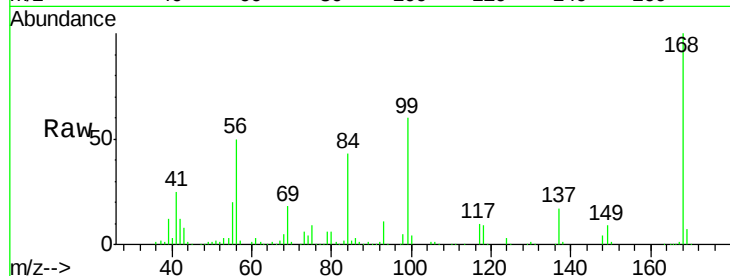
Tgt Ion: 56 Resp: 95297

Ion Ratio Lower Upper

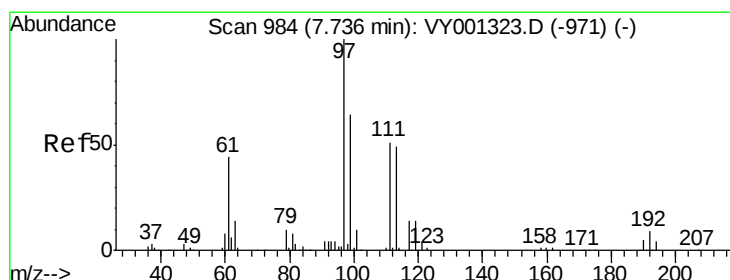
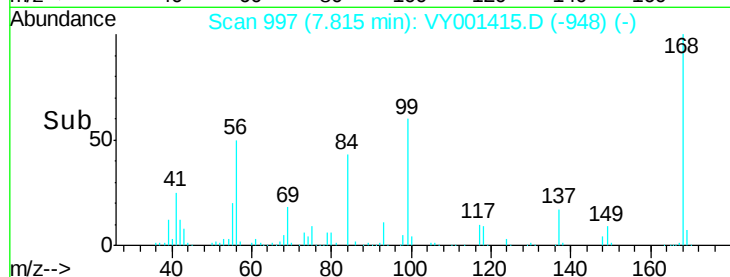
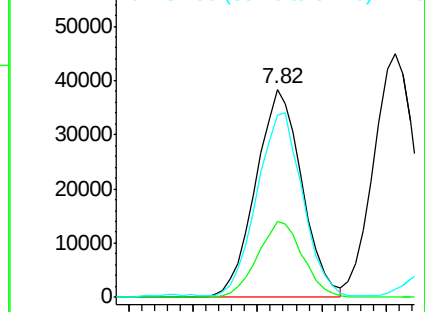
56 100

69 36.7 27.6 41.4

84 86.3 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: 22.80 ug/l

RT: 7.74 min Scan# 984

Delta R.T. -0.00 min

Lab File: VY001415.D

Acq: 29 Jan 2020 11:58

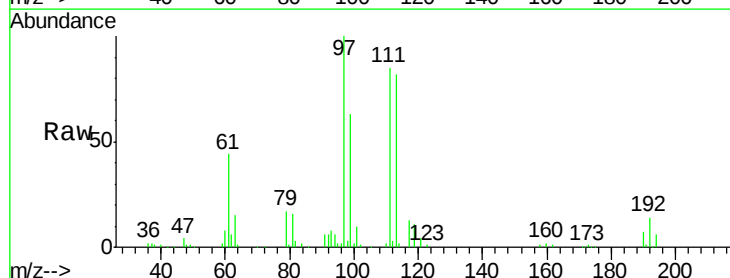
Tgt Ion: 97 Resp: 77430

Ion Ratio Lower Upper

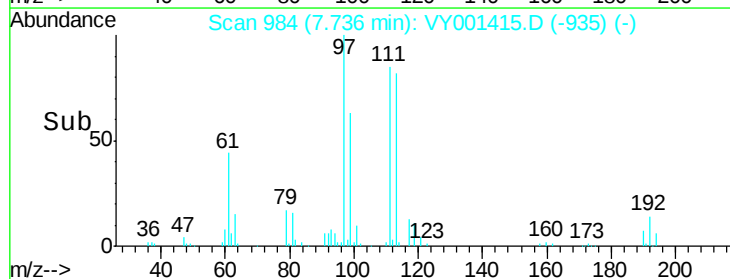
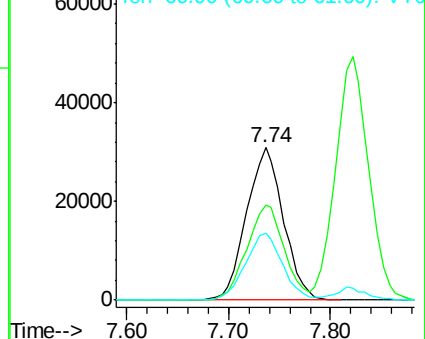
97 100

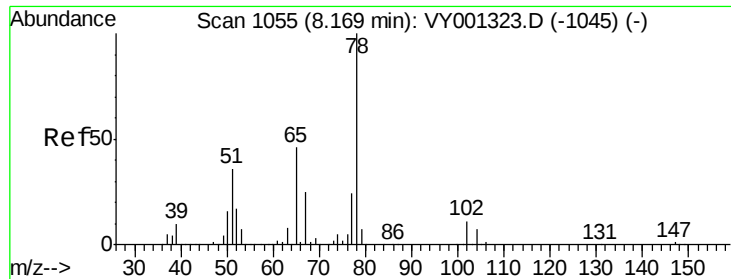
99 63.6 51.3 76.9

61 44.2 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: 49.11 ug/l

RT: 8.18 min Scan# 1056

Delta R.T. 0.01 min

Lab File: VY001415.D

Acq: 29 Jan 2020 11:58

Instrument :

MSVOA_Y

ClientSampleId :

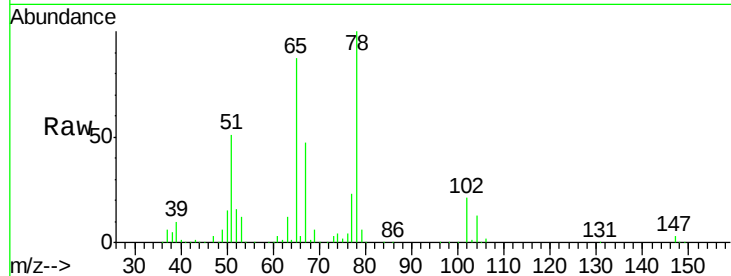
VY0129SBS01

Tgt Ion: 65 Resp: 103443

Ion Ratio Lower Upper

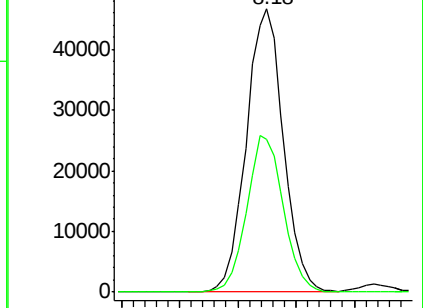
65 100

67 54.4 0.0 108.6

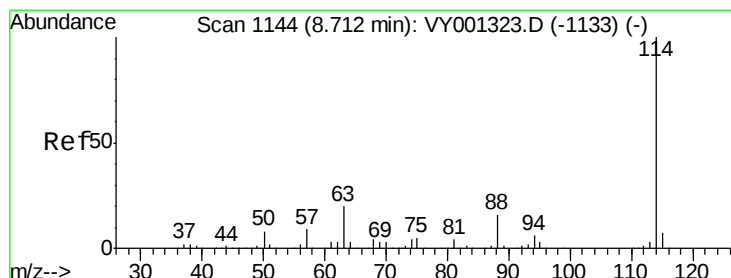
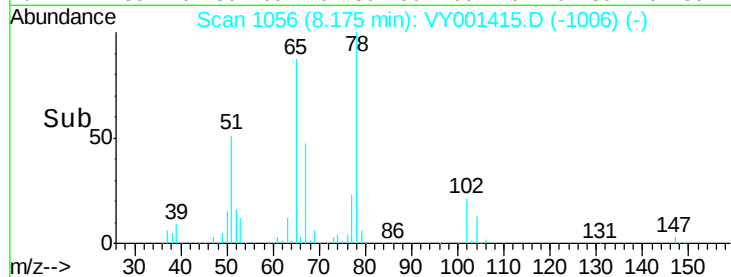


Abundance Ion 64.90 (64.60 to 65.60): VY0

Ion 66.90 (66.60 to 67.60): VY0



Time--> 8.05 8.10 8.15 8.20 8.25



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.72 min Scan# 1145

Delta R.T. 0.01 min

Lab File: VY001415.D

Acq: 29 Jan 2020 11:58

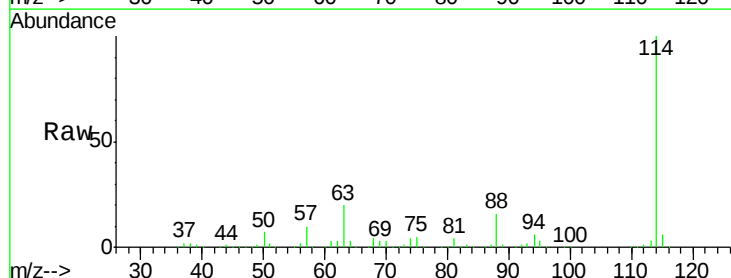
Tgt Ion: 114 Resp: 333915

Ion Ratio Lower Upper

114 100

63 20.4 0.0 40.8

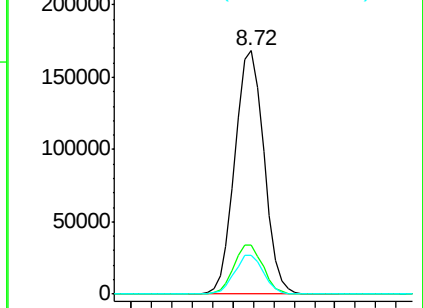
88 15.8 0.0 31.0



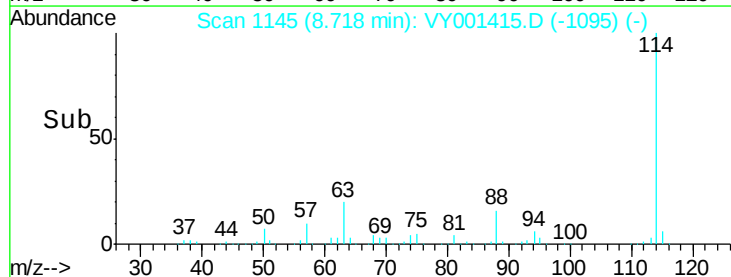
Abundance Ion 113.90 (113.60 to 114.60): V

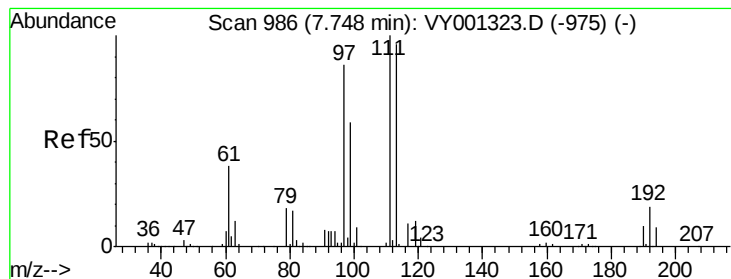
Ion 63.00 (62.70 to 63.70): VY0

Ion 87.90 (87.60 to 88.60): VY0



Time--> 8.60 8.70 8.80





#35

Dibromofluoromethane

Concen: 51.26 ug/l

RT: 7.75 min Scan# 986

Delta R.T. -0.00 min

Lab File: VY001415.D

Acq: 29 Jan 2020 11:58

Instrument :

MSVOA_Y

ClientSampleId :

VY0129SBS01

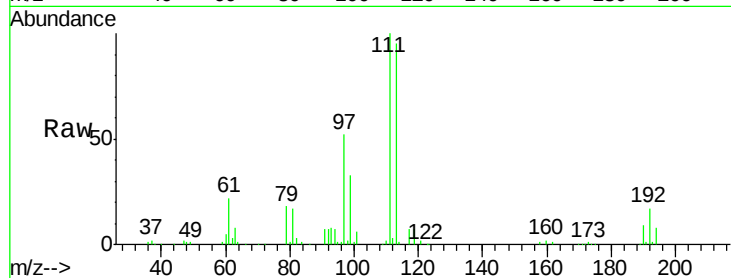
Tgt Ion: 113 Resp: 100459

Ion Ratio Lower Upper

113 100

111 104.0 82.8 124.2

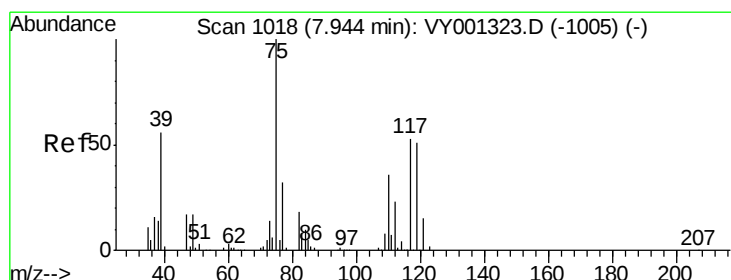
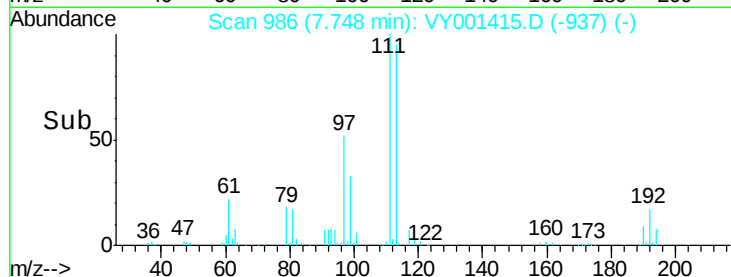
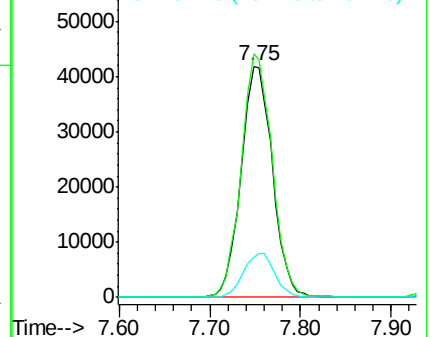
192 19.0 15.5 23.3



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 23.14 ug/l

RT: 7.95 min Scan# 1019

Delta R.T. 0.01 min

Lab File: VY001415.D

Acq: 29 Jan 2020 11:58

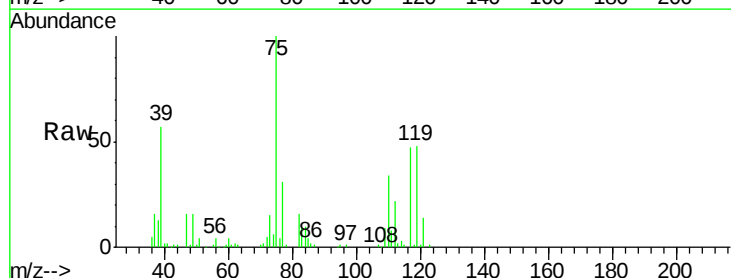
Tgt Ion: 75 Resp: 72984

Ion Ratio Lower Upper

75 100

110 35.0 17.6 52.8

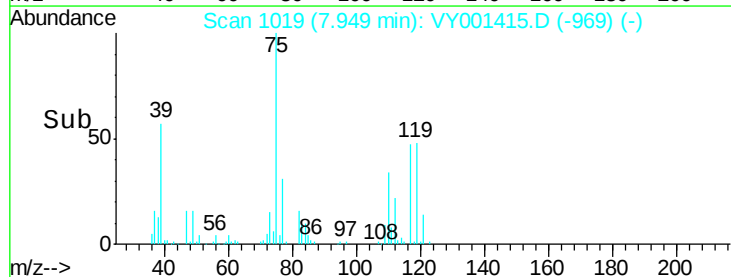
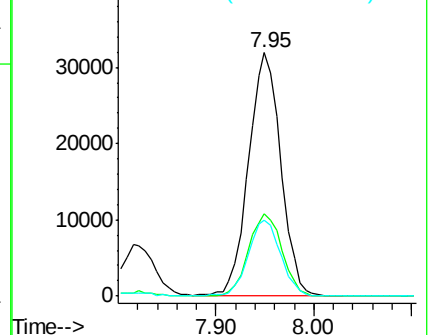
77 31.5 24.7 37.1

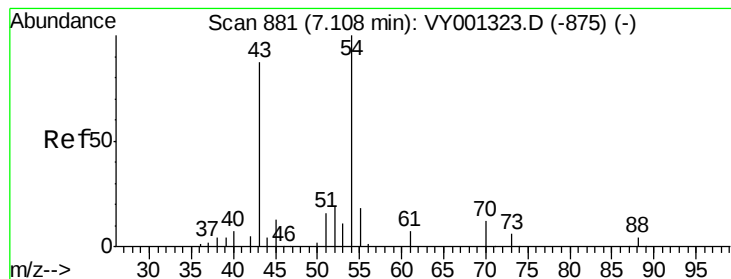


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VY0





#37

Ethyl Acetate

Concen: 18.85 ug/l

RT: 7.11 min Scan# 882

Delta R.T. 0.01 min

Lab File: VY001415.D

Acq: 29 Jan 2020 11:58

Instrument :

MSVOA_Y

ClientSampleId :

VY0129SBS01

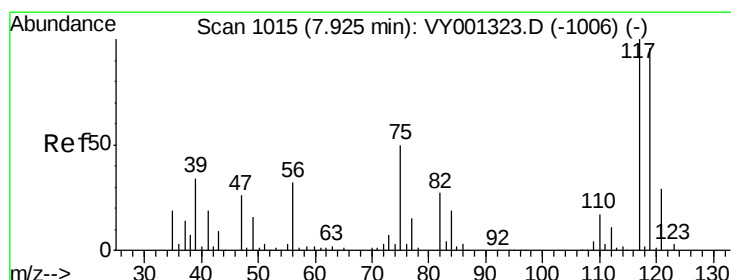
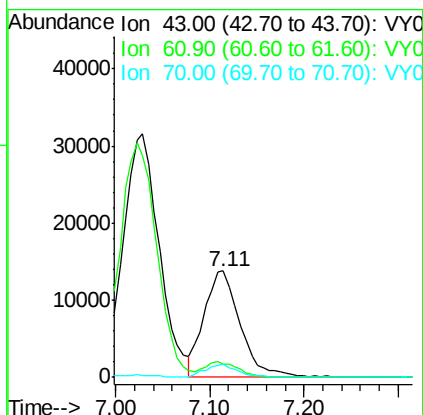
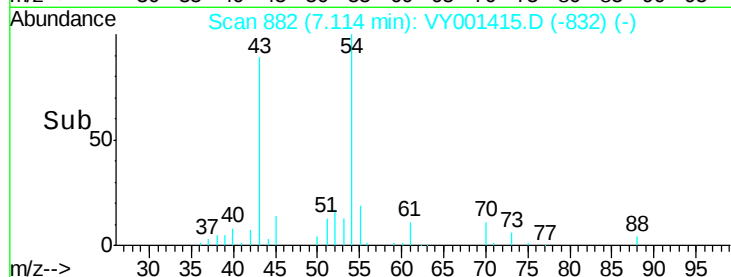
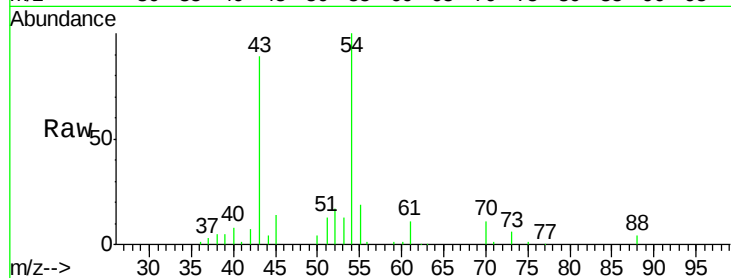
Tgt Ion: 43 Resp: 36335

Ion Ratio Lower Upper

43 100

61 13.7 11.3 16.9

70 10.8 8.7 13.1



#38

Carbon Tetrachloride

Concen: 23.62 ug/l

RT: 7.93 min Scan# 1016

Delta R.T. 0.01 min

Lab File: VY001415.D

Acq: 29 Jan 2020 11:58

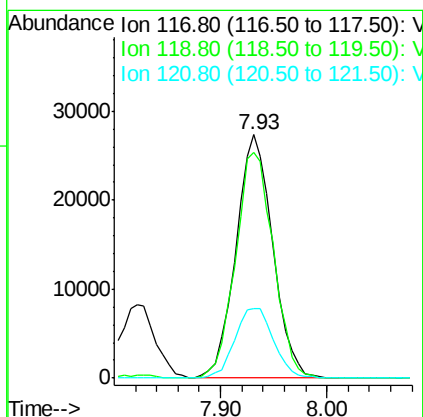
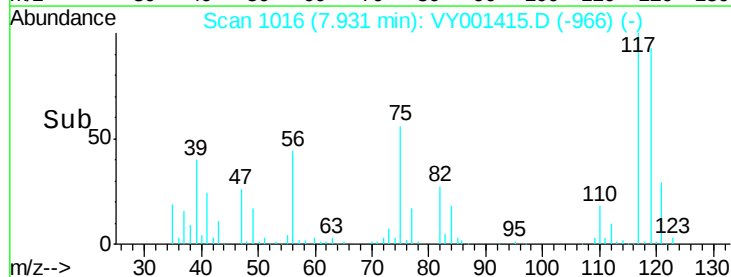
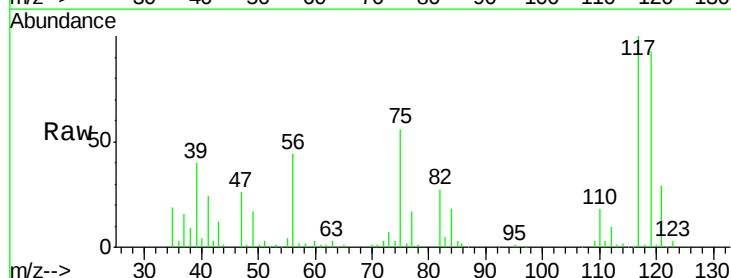
Tgt Ion: 117 Resp: 66400

Ion Ratio Lower Upper

117 100

119 92.8 76.3 114.5

121 28.7 23.5 35.3



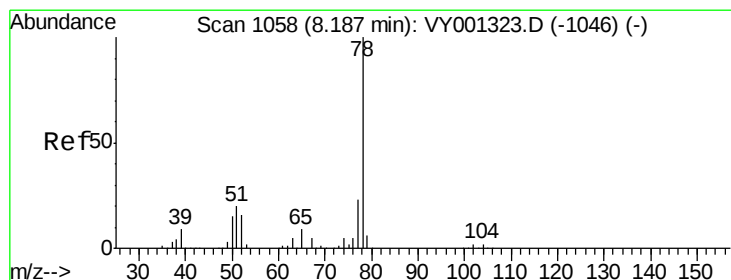
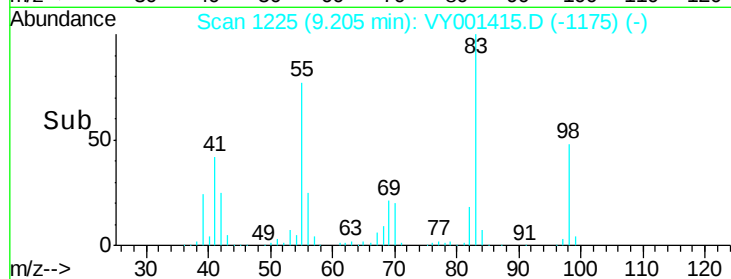
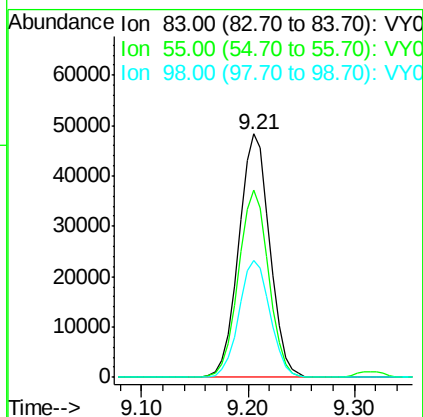
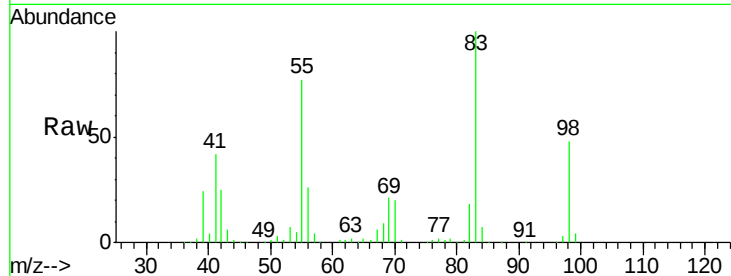


#39
Methylcyclohexane
Concen: 24.39 ug/l
RT: 9.21 min Scan# 1225
Delta R.T. 0.01 min
Lab File: VY001415.D
Acq: 29 Jan 2020 11:58

Instrument :
MSVOA_Y
ClientSampleId :
VY0129SBS01

Tgt Ion: 83 Resp: 98568

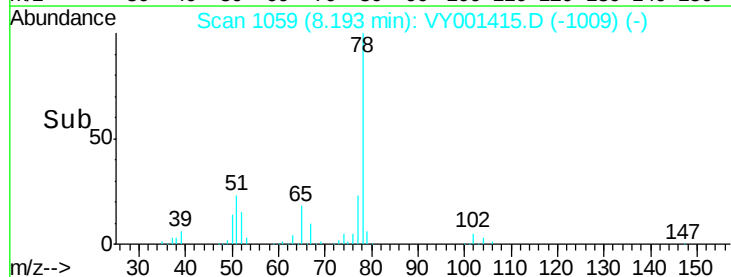
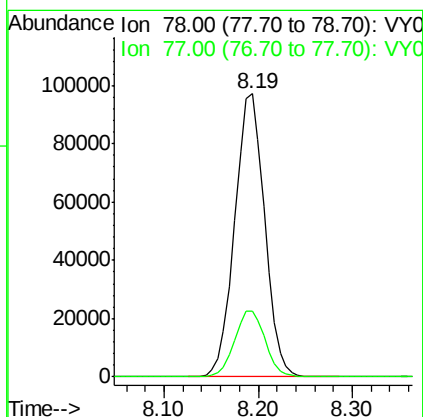
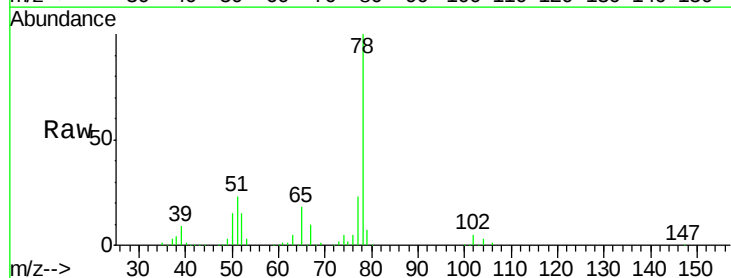
Ion	Ratio	Lower	Upper
83	100		
55	76.9	60.7	91.1
98	48.2	37.8	56.8

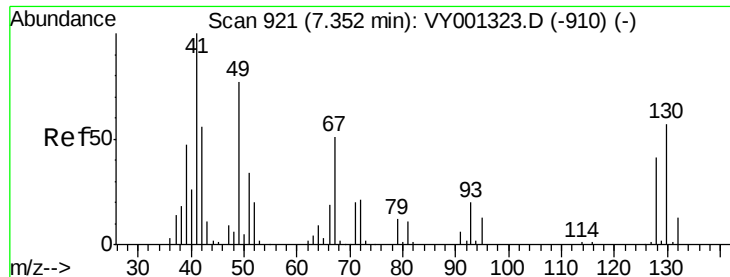


#40
Benzene
Concen: 22.72 ug/l
RT: 8.19 min Scan# 1059
Delta R.T. 0.01 min
Lab File: VY001415.D
Acq: 29 Jan 2020 11:58

Tgt Ion: 78 Resp: 214901

Ion	Ratio	Lower	Upper
78	100		
77	23.4	18.6	27.8

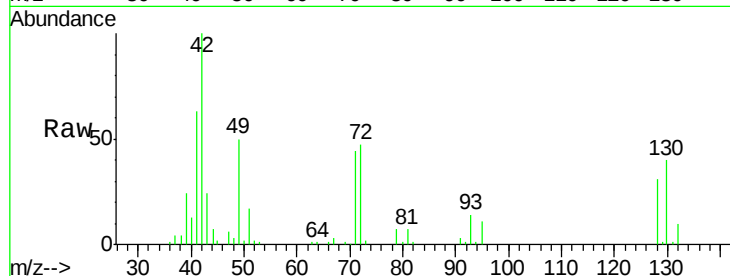




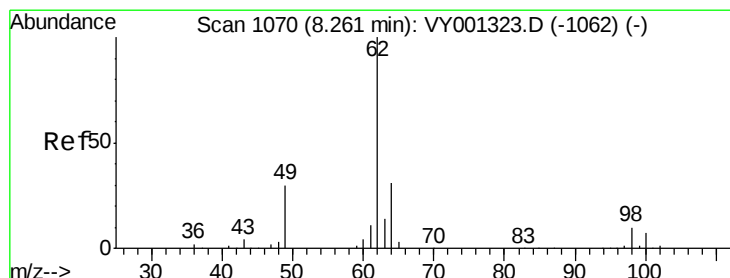
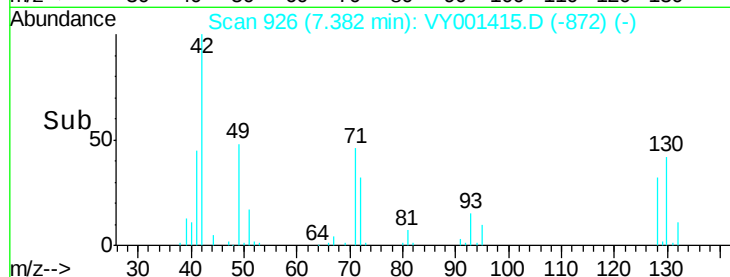
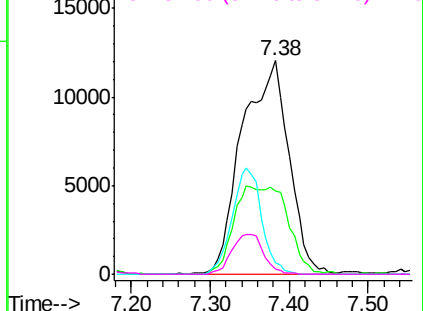
#41
Methacrylonitrile
Concen: 50.00 ug/l
RT: 7.38 min Scan# 926
Delta R.T. 0.03 min
Lab File: VY001415.D
Acq: 29 Jan 2020 11:58

Instrument :
MSVOA_Y
ClientSampleId :
VY0129SBS01

Tgt Ion:	41	Resp:	49727
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

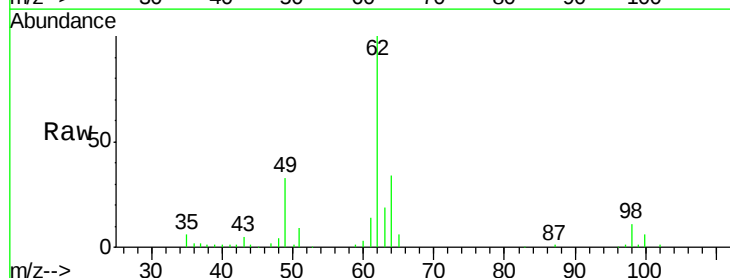


Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 39.00 (38.70 to 39.70): VY0
Ion 67.00 (66.70 to 67.70): VY0
Ion 52.00 (51.70 to 52.70): VY0

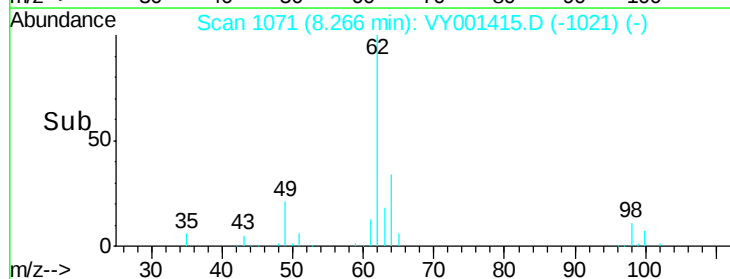
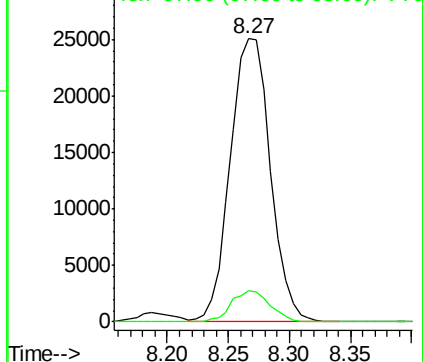


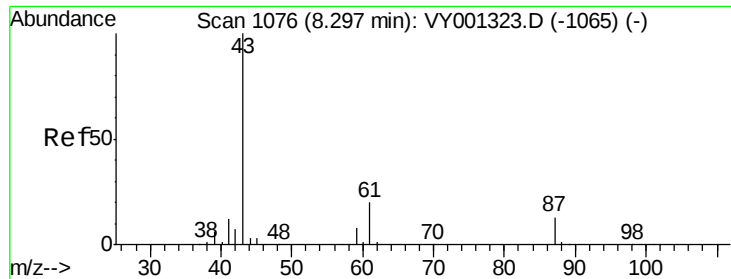
#42
1,2-Dichloroethane
Concen: 21.62 ug/l
RT: 8.27 min Scan# 1071
Delta R.T. 0.01 min
Lab File: VY001415.D
Acq: 29 Jan 2020 11:58

Tgt Ion:	62	Resp:	57142
Ion	Ratio	Lower	Upper
62	100		
98	10.6	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: 19.40 ug/l

RT: 8.30 min Scan# 1077

Delta R.T. 0.01 min

Lab File: VY001415.D

Acq: 29 Jan 2020 11:58

Instrument :

MSVOA_Y

ClientSampleId :

VY0129SBS01

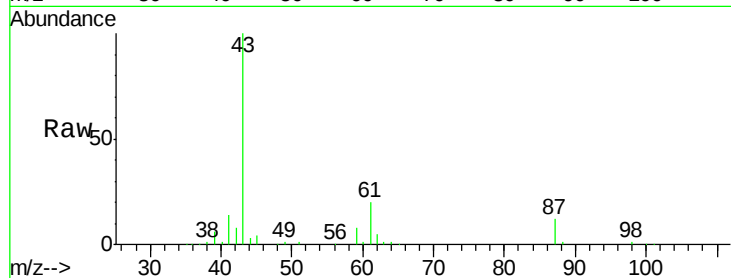
Tgt Ion: 43 Resp: 72723

Ion Ratio Lower Upper

43 100

61 29.5 22.7 34.1

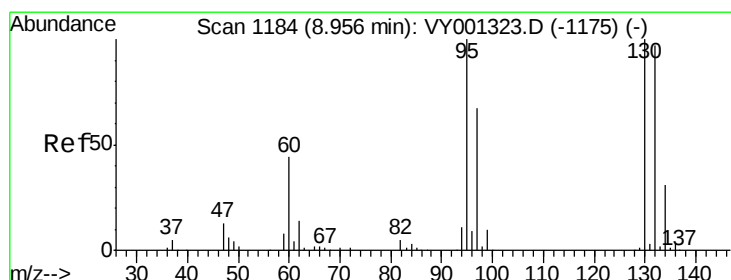
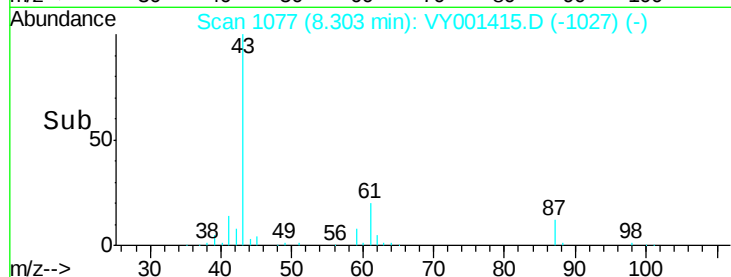
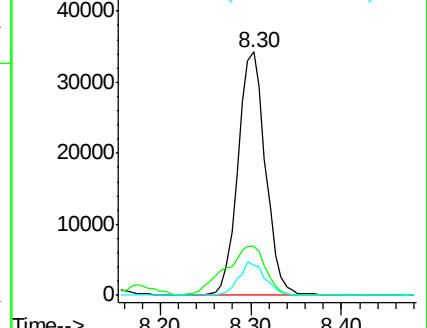
87 13.1 11.0 16.4



Abundance Ion 43.00 (42.70 to 43.70): VY001415.D (-1077) (-)

Ion 61.00 (60.70 to 61.70): VY001415.D (-1077) (-)

Ion 87.00 (86.70 to 87.70): VY001415.D (-1077) (-)



#44

Trichloroethene

Concen: 22.35 ug/l

RT: 8.96 min Scan# 1185

Delta R.T. 0.01 min

Lab File: VY001415.D

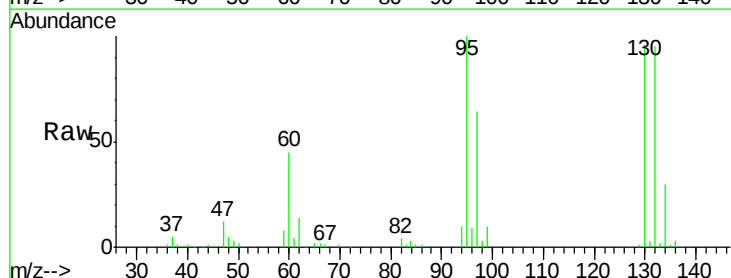
Acq: 29 Jan 2020 11:58

Tgt Ion: 130 Resp: 54241

Ion Ratio Lower Upper

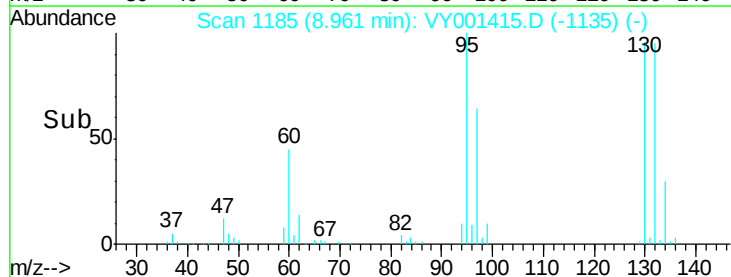
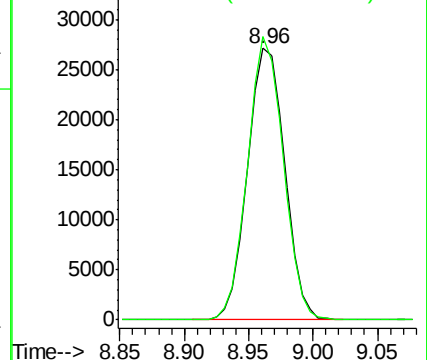
130 100

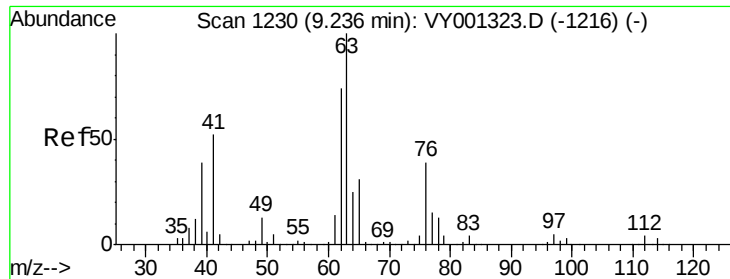
95 104.2 0.0 200.0



Abundance Ion 129.80 (129.50 to 130.50): VY001415.D (-1185) (-)

Ion 94.90 (94.60 to 95.60): VY001415.D (-1185) (-)

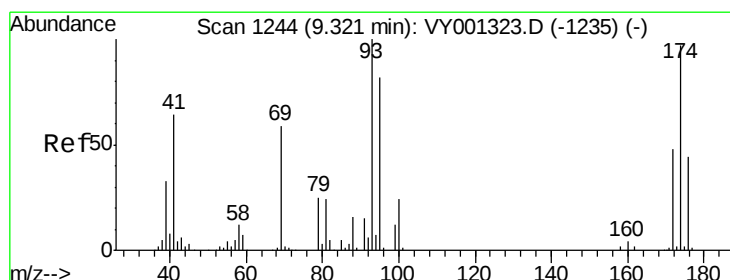
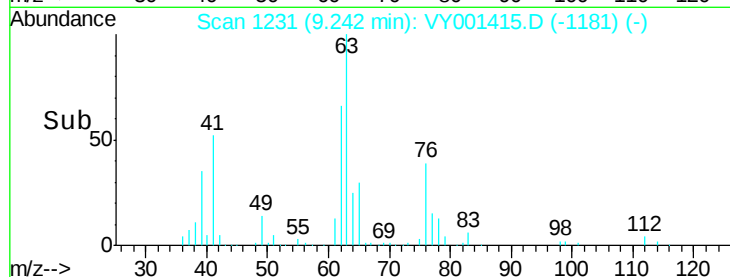
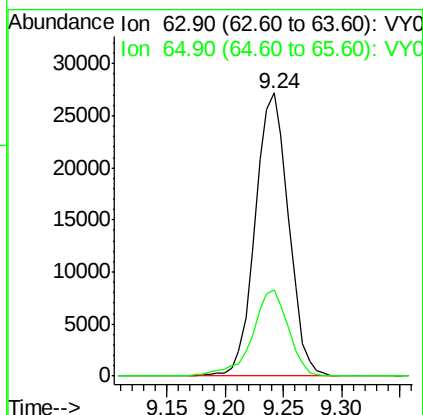
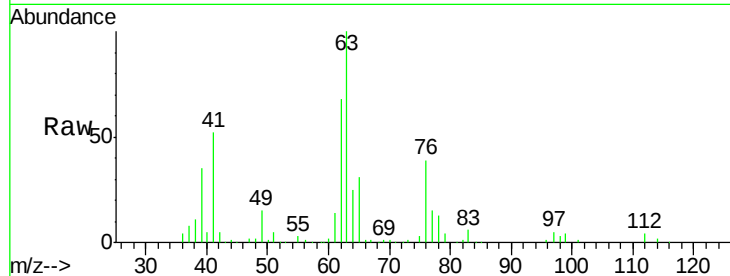




#45
 1,2-Dichloropropane
 Concen: 22.54 ug/l
 RT: 9.24 min Scan# 1231
 Delta R.T. 0.01 min
 Lab File: VY001415.D
 Acq: 29 Jan 2020 11:58

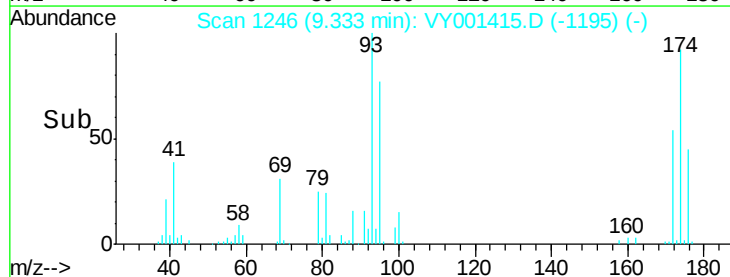
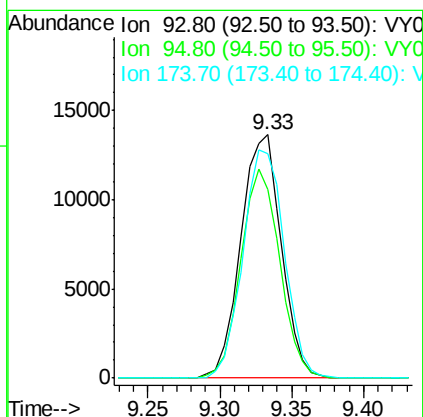
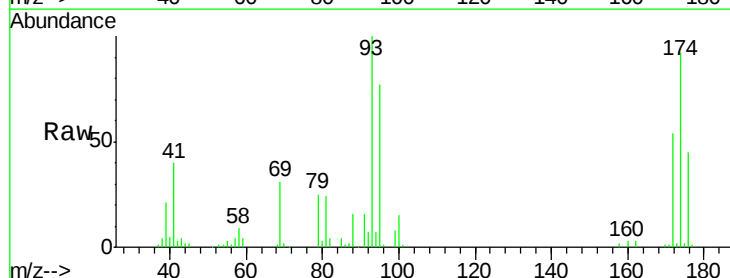
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0129SBS01

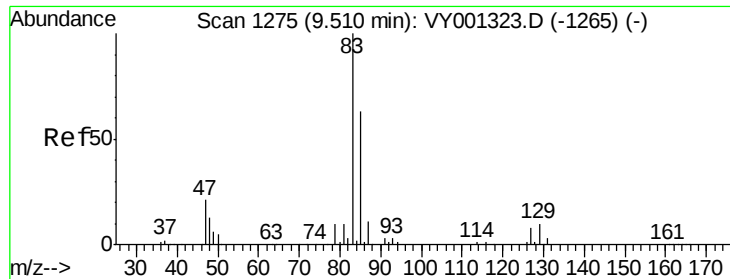
Tgt Ion: 63 Resp: 53905
 Ion Ratio Lower Upper
 63 100
 65 30.6 24.9 37.3



#46
 Dibromomethane
 Concen: 20.64 ug/l
 RT: 9.33 min Scan# 1246
 Delta R.T. 0.01 min
 Lab File: VY001415.D
 Acq: 29 Jan 2020 11:58

Tgt Ion: 93 Resp: 26493
 Ion Ratio Lower Upper
 93 100
 95 82.9 66.5 99.7
 174 96.1 77.9 116.9

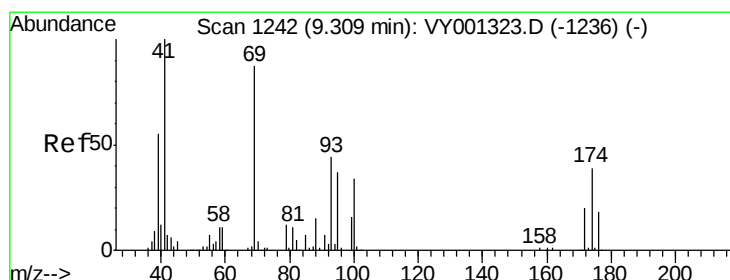
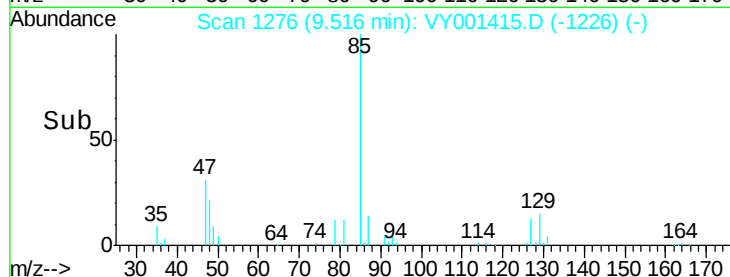
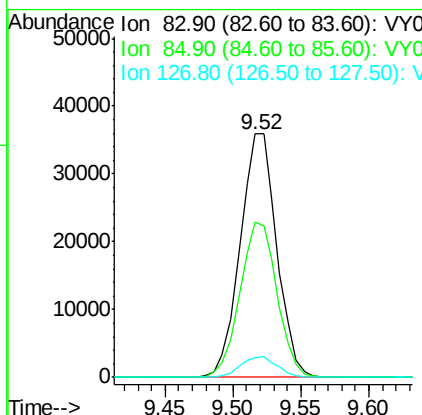
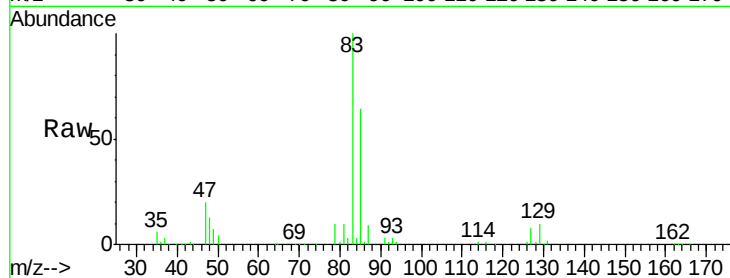




#47
 Bromodichloromethane
 Concen: 21.92 ug/l
 RT: 9.52 min Scan# 1276
 Delta R.T. 0.01 min
 Lab File: VY001415.D
 Acq: 29 Jan 2020 11:58

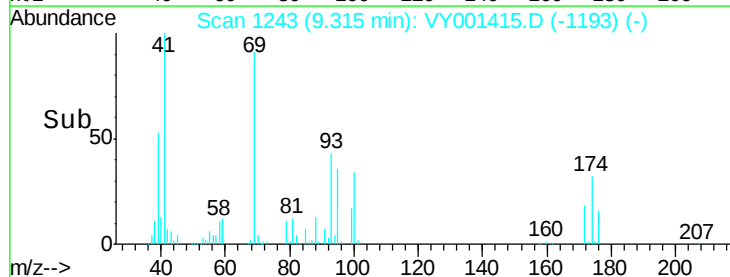
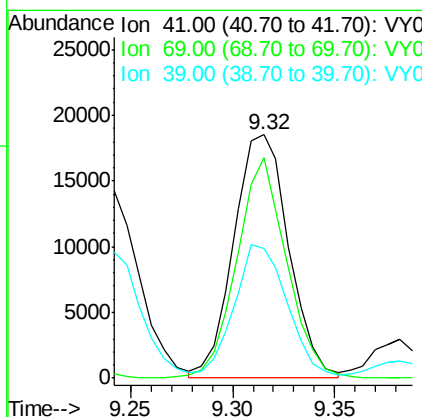
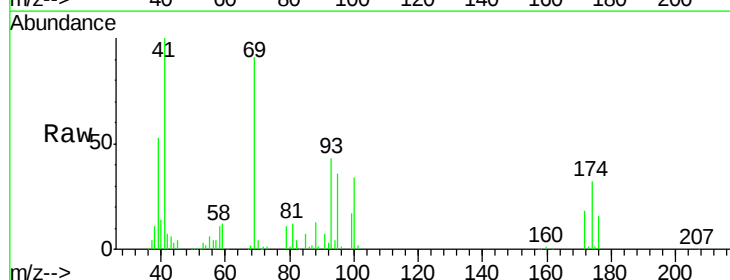
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0129SBS01

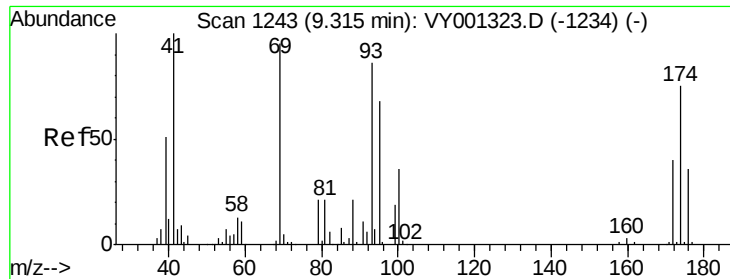
Tgt Ion: 83 Resp: 67275
 Ion Ratio Lower Upper
 83 100
 85 63.7 50.2 75.2
 127 8.0 6.4 9.6



#48
 Methyl methacrylate
 Concen: 20.36 ug/l
 RT: 9.32 min Scan# 1243
 Delta R.T. 0.01 min
 Lab File: VY001415.D
 Acq: 29 Jan 2020 11:58

Tgt Ion: 41 Resp: 34686
 Ion Ratio Lower Upper
 41 100
 69 81.9 70.2 105.4
 39 50.3 45.7 68.5





#49

1,4-Dioxane

Concen: 373.53 ug/l

RT: 9.32 min Scan# 1244

Delta R.T. 0.01 min

Lab File: VY001415.D

Acq: 29 Jan 2020 11:58

Instrument :

MSVOA_Y

ClientSampleId :

VY0129SBS01

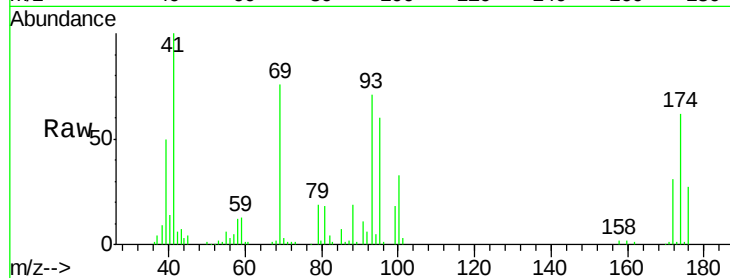
Tgt Ion: 88 Resp: 6762

Ion Ratio Lower Upper

88 100

43 33.2 28.2 42.2

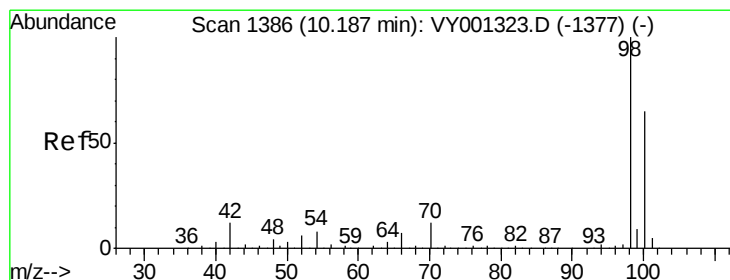
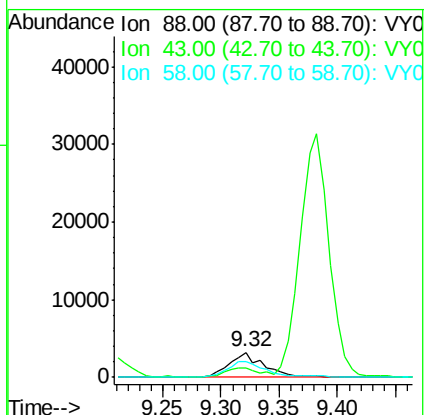
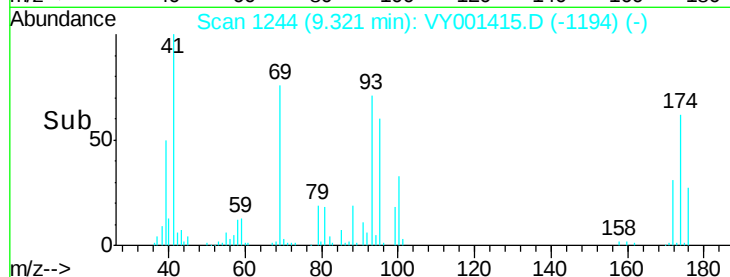
58 69.2 55.6 83.4



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: 54.06 ug/l

RT: 10.20 min Scan# 1388

Delta R.T. 0.01 min

Lab File: VY001415.D

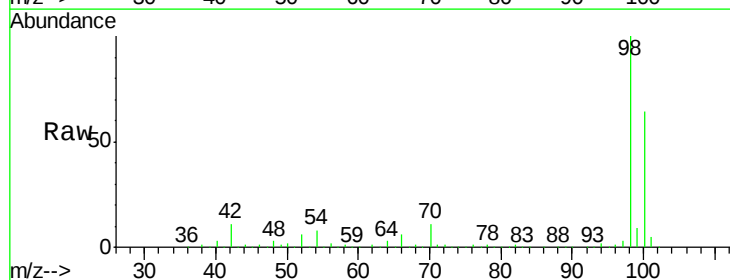
Acq: 29 Jan 2020 11:58

Tgt Ion: 98 Resp: 411639

Ion Ratio Lower Upper

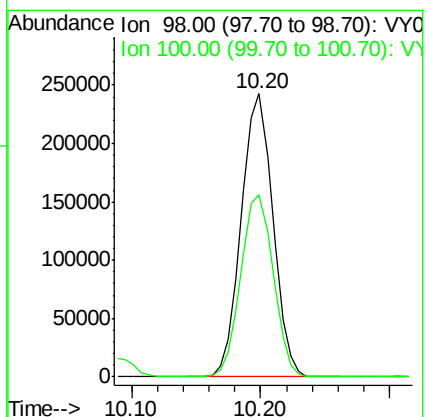
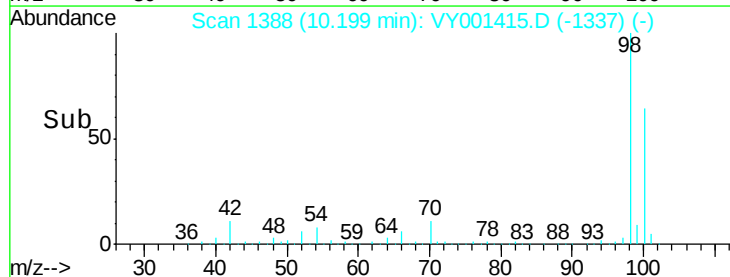
98 100

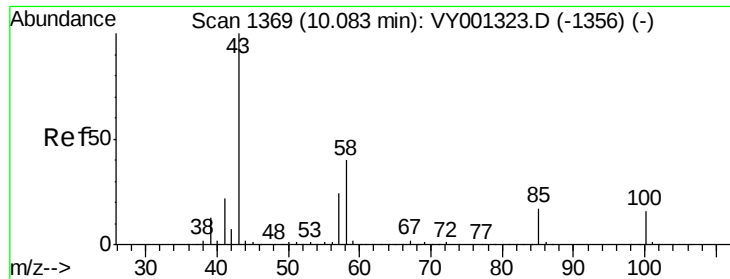
100 66.0 52.6 79.0



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: 93.25 ug/l

RT: 10.09 min Scan# 1370

Delta R.T. 0.01 min

Lab File: VY001415.D

Acq: 29 Jan 2020 11:58

Instrument :

MSVOA_Y

ClientSampleId :

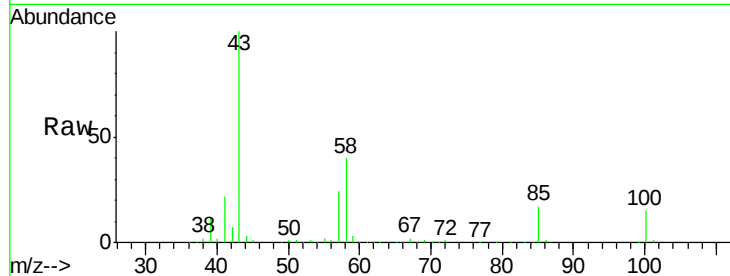
VY0129SBS01

Tgt Ion: 43 Resp: 179972

Ion Ratio Lower Upper

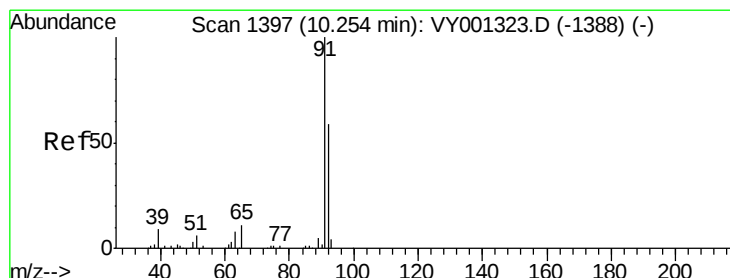
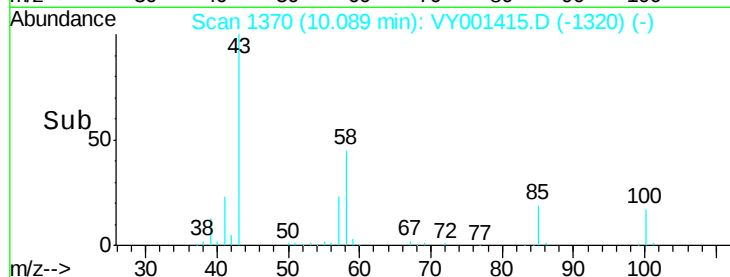
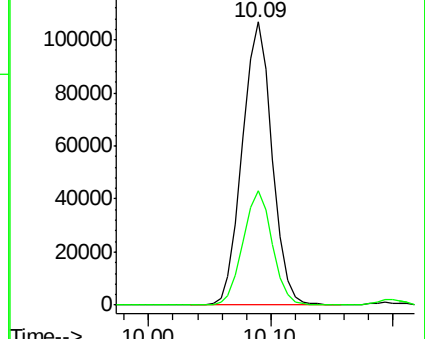
43 100

58 39.8 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: 22.62 ug/l

RT: 10.26 min Scan# 1398

Delta R.T. 0.01 min

Lab File: VY001415.D

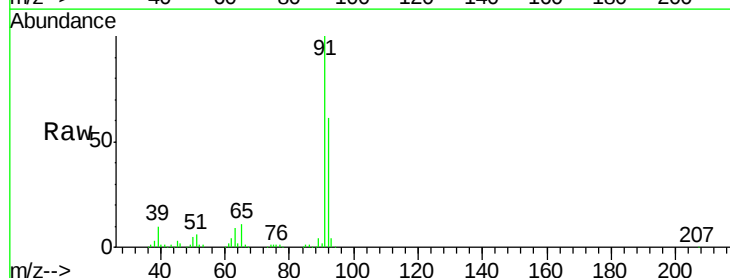
Acq: 29 Jan 2020 11:58

Tgt Ion: 92 Resp: 135640

Ion Ratio Lower Upper

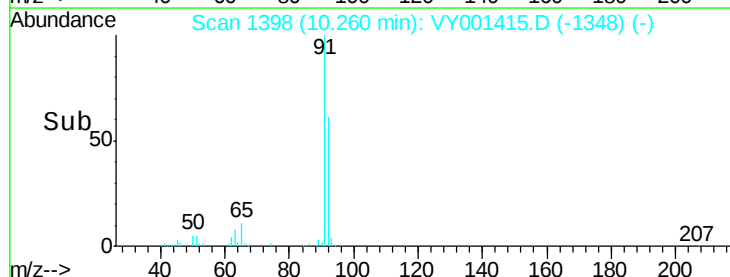
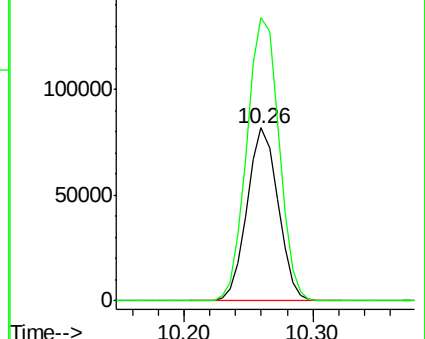
92 100

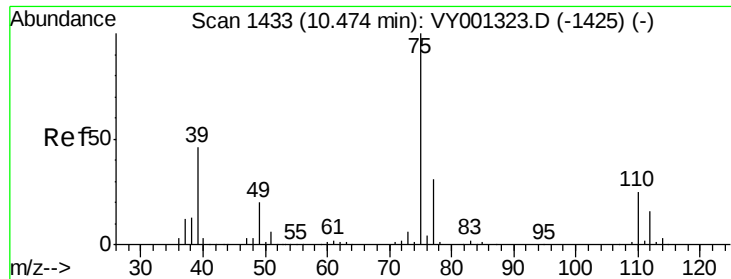
91 169.8 136.4 204.6



Abundance Ion 92.00 (91.70 to 92.70): VY0

Ion 91.00 (90.70 to 91.70): VY0

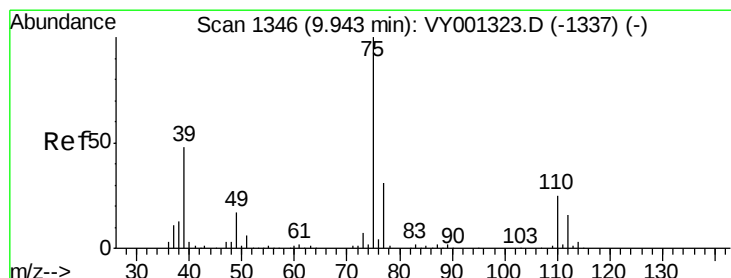
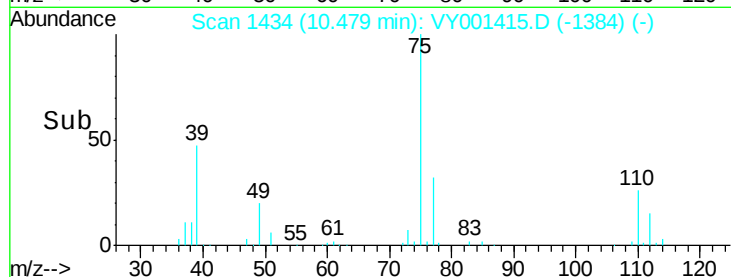
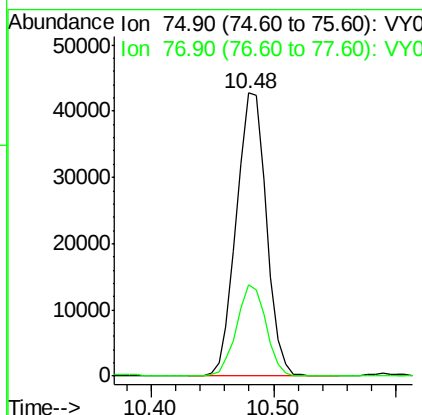
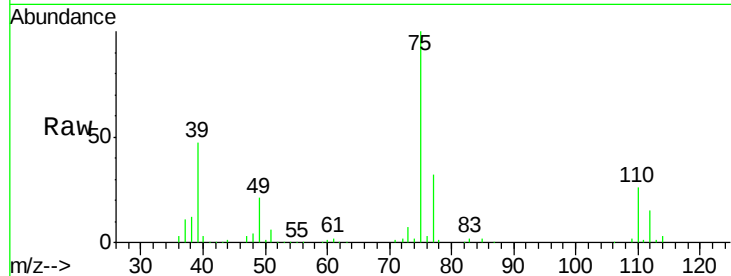




#53
 t-1,3-Dichloropropene
 Concen: 21.37 ug/l
 RT: 10.48 min Scan# 1434
 Delta R.T. 0.01 min
 Lab File: VY001415.D
 Acq: 29 Jan 2020 11:58

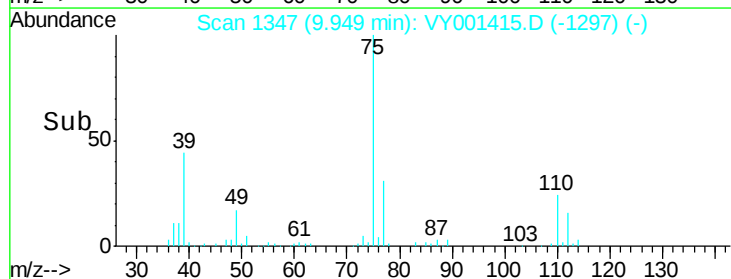
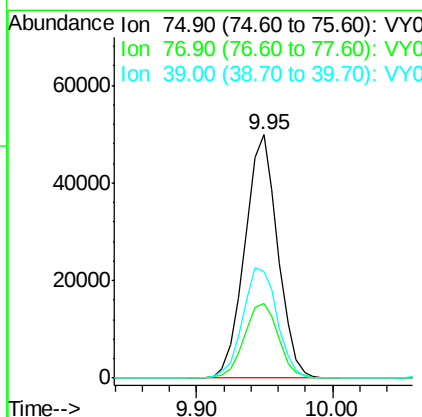
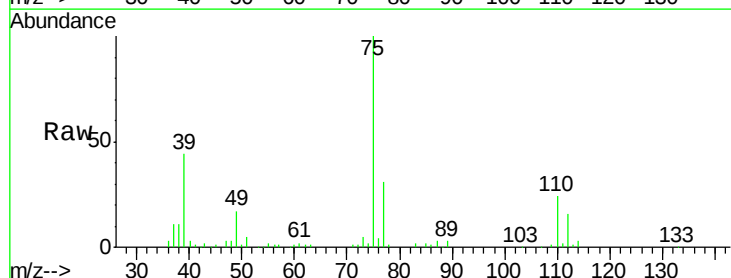
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0129SBS01

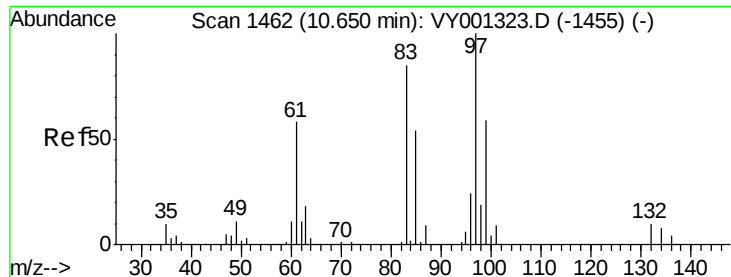
Tgt Ion: 75 Resp: 72688
 Ion Ratio Lower Upper
 75 100
 77 32.5 25.2 37.8



#54
 cis-1,3-Dichloropropene
 Concen: 21.65 ug/l
 RT: 9.95 min Scan# 1347
 Delta R.T. 0.01 min
 Lab File: VY001415.D
 Acq: 29 Jan 2020 11:58

Tgt Ion: 75 Resp: 84528
 Ion Ratio Lower Upper
 75 100
 77 30.7 25.0 37.6
 39 44.0 38.2 57.4





#55

1,1,2-Trichloroethane

Concen: 20.83 ug/l

RT: 10.66 min Scan# 1464

Delta R.T. 0.01 min

Lab File: VY001415.D

Acq: 29 Jan 2020 11:58

Instrument :

MSVOA_Y

ClientSampleId :

VY0129SBS01

Tgt Ion: 97 Resp: 39470

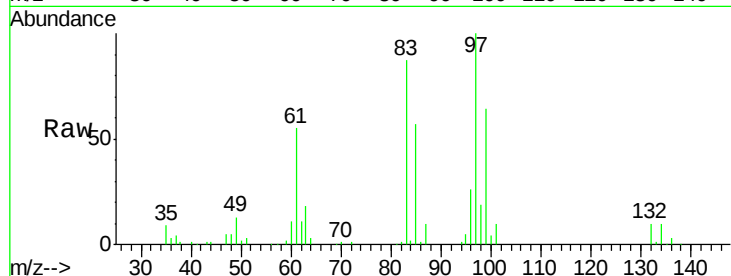
Ion Ratio Lower Upper

97 100

83 86.8 68.0 102.0

85 56.7 43.6 65.4

99 64.0 47.1 70.7

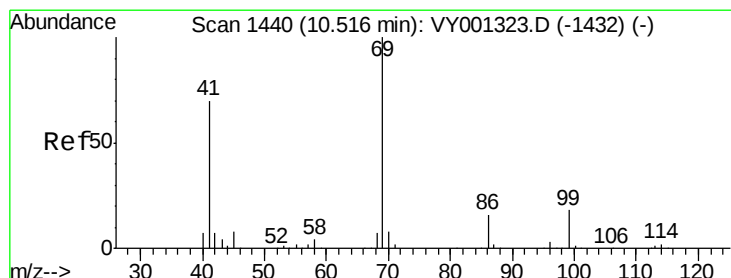
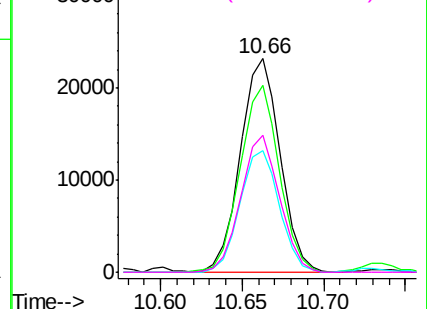
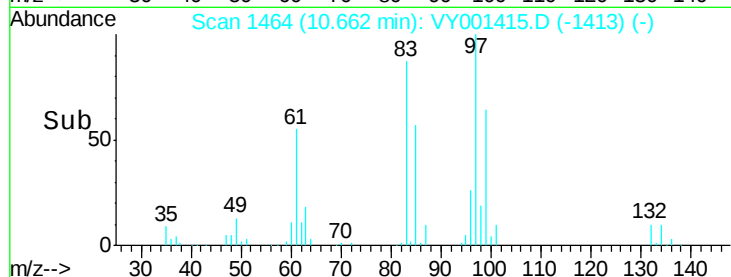


Abundance Ion 96.90 (96.60 to 97.60): VY0

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: 19.54 ug/l

RT: 10.53 min Scan# 1442

Delta R.T. 0.01 min

Lab File: VY001415.D

Acq: 29 Jan 2020 11:58

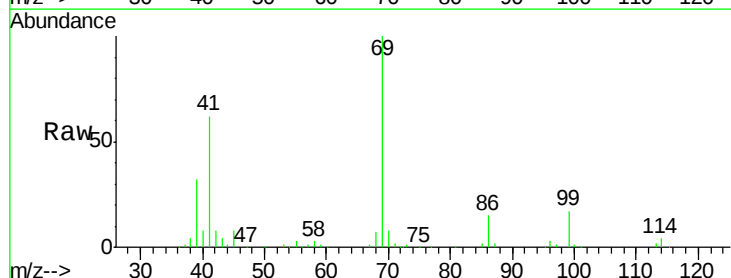
Tgt Ion: 69 Resp: 55968

Ion Ratio Lower Upper

69 100

41 65.8 54.1 81.1

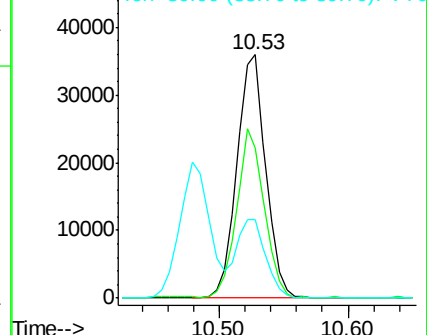
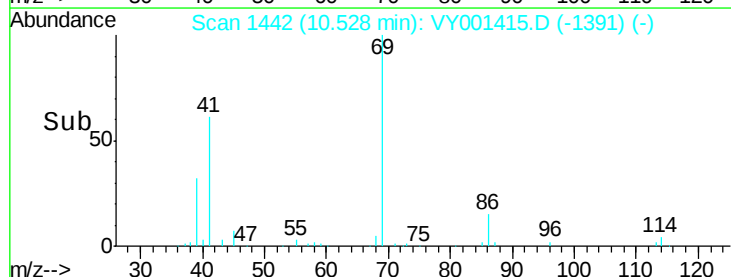
39 33.3 26.8 40.2

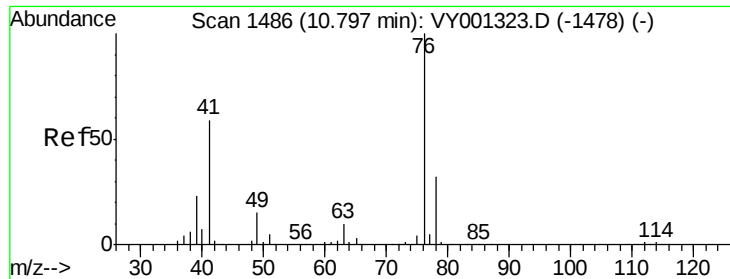


Abundance Ion 69.00 (68.70 to 69.70): VY0

Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

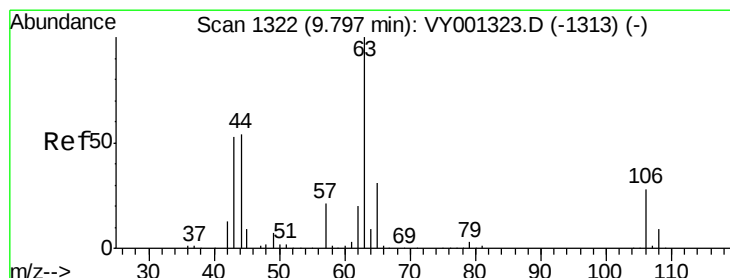
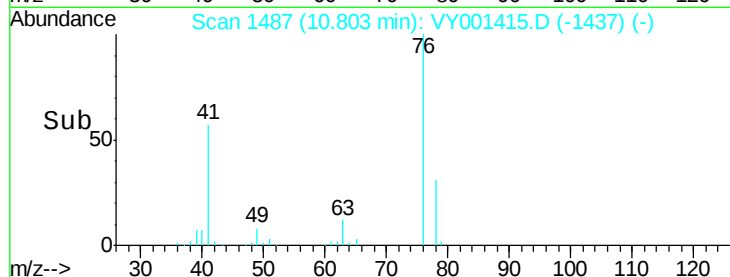
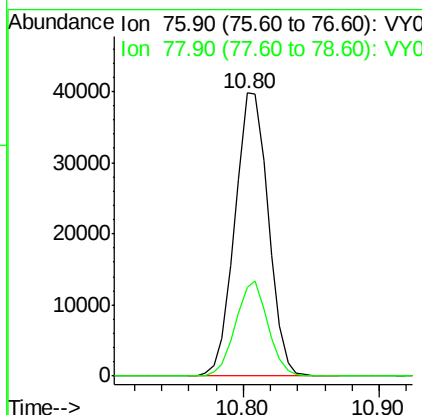
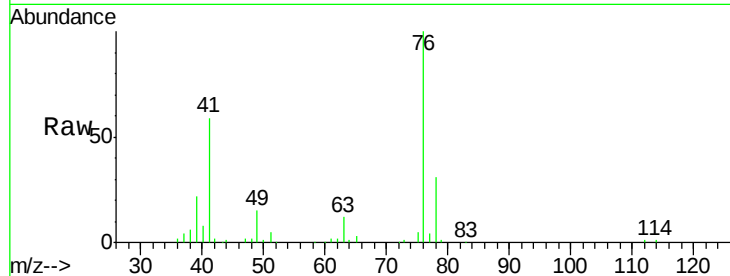




#57
 1,3-Dichloropropane
 Concen: 20.72 ug/l
 RT: 10.80 min Scan# 1487
 Delta R.T. 0.01 min
 Lab File: VY001415.D
 Acq: 29 Jan 2020 11:58

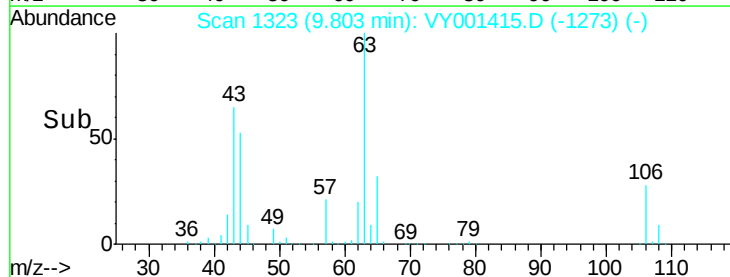
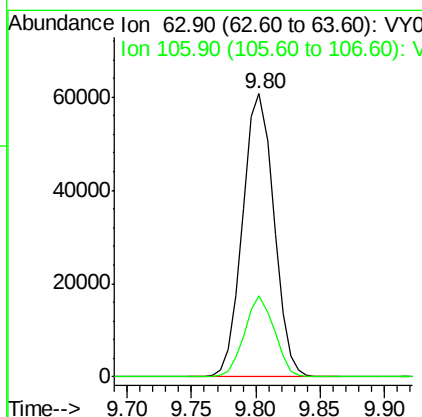
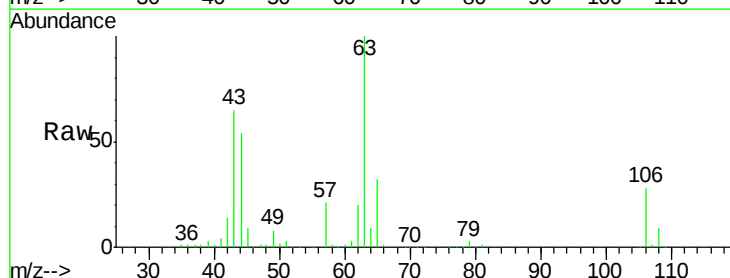
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0129SBS01

Tgt Ion: 76 Resp: 68405
 Ion Ratio Lower Upper
 76 100
 78 32.2 25.8 38.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 102.88 ug/l
 RT: 9.80 min Scan# 1323
 Delta R.T. 0.01 min
 Lab File: VY001415.D
 Acq: 29 Jan 2020 11:58

Tgt Ion: 63 Resp: 101948
 Ion Ratio Lower Upper
 63 100
 106 27.3 22.5 33.7

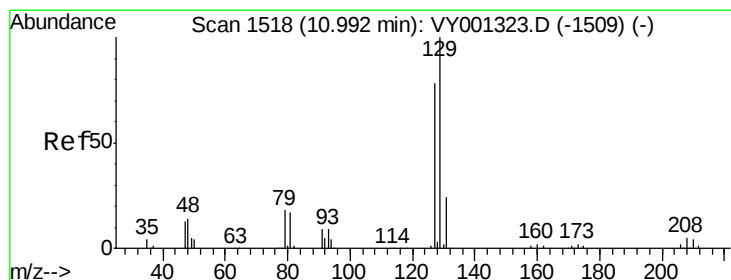
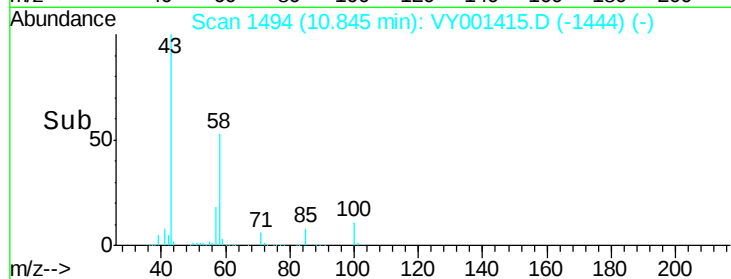
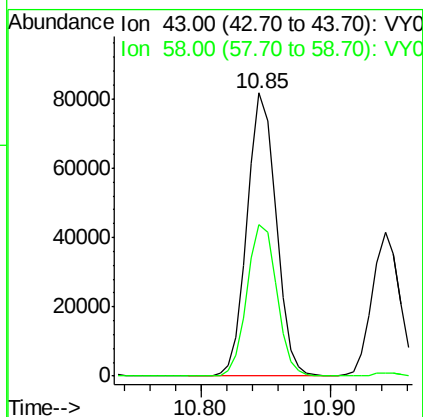
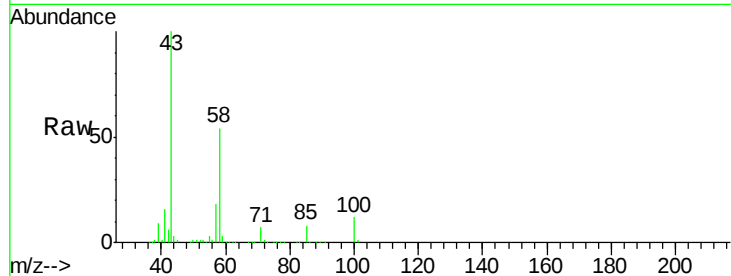




#59
2-Hexanone
Concen: 94.76 ug/l
RT: 10.85 min Scan# 1494
Delta R.T. 0.01 min
Lab File: VY001415.D
Acq: 29 Jan 2020 11:58

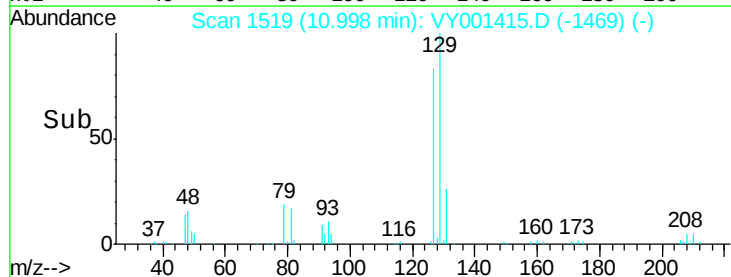
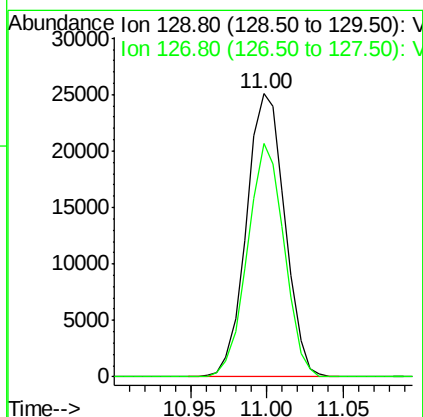
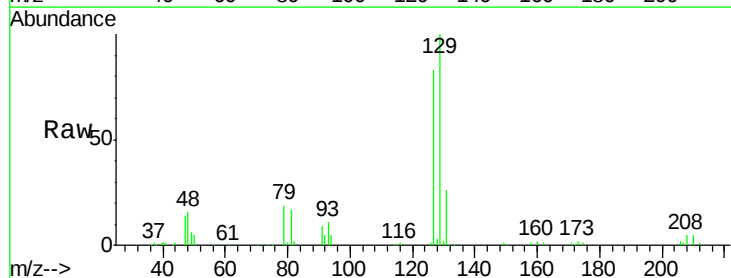
Instrument :
MSVOA_Y
ClientSampleId :
VY0129SBS01

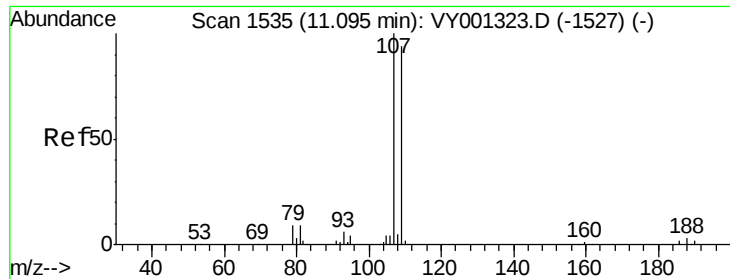
Tgt Ion: 43 Resp: 127319
Ion Ratio Lower Upper
43 100
58 54.7 27.6 82.8



#60
Dibromochloromethane
Concen: 20.63 ug/l
RT: 11.00 min Scan# 1519
Delta R.T. 0.01 min
Lab File: VY001415.D
Acq: 29 Jan 2020 11:58

Tgt Ion: 129 Resp: 43725
Ion Ratio Lower Upper
129 100
127 78.6 38.8 116.4

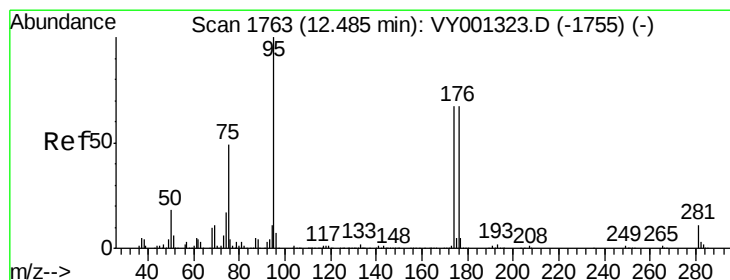
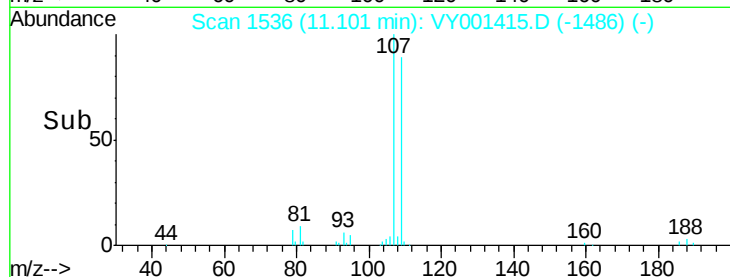
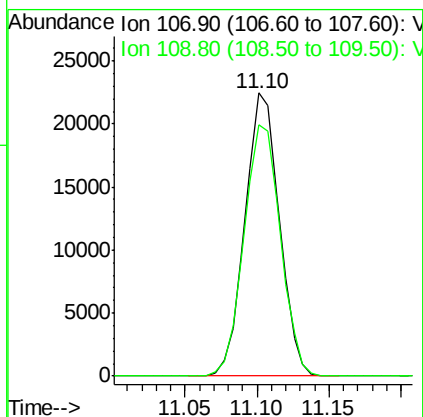
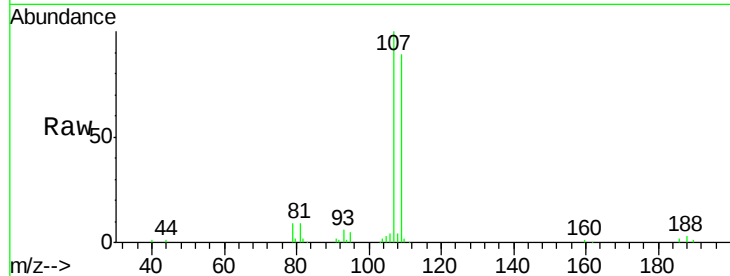




#61
 1,2-Dibromoethane
 Concen: 20.73 ug/l
 RT: 11.10 min Scan# 1536
 Delta R.T. 0.01 min
 Lab File: VY001415.D
 Acq: 29 Jan 2020 11:58

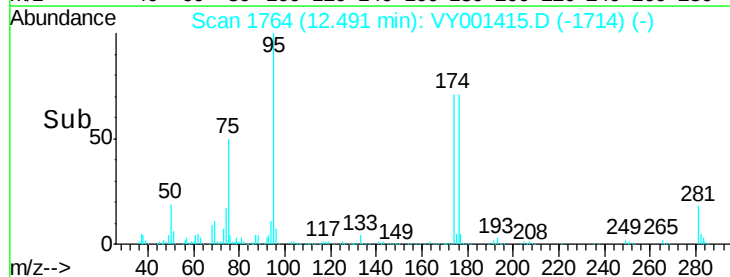
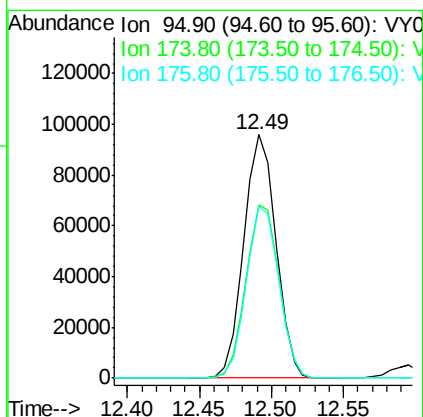
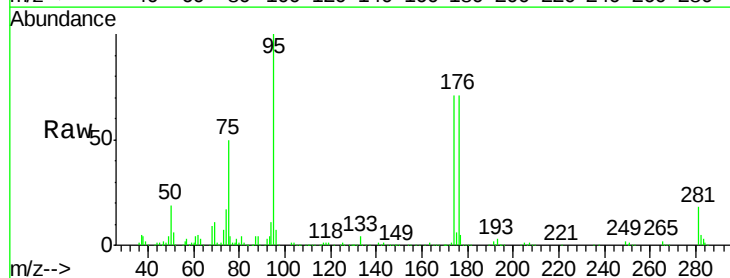
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0129SBS01

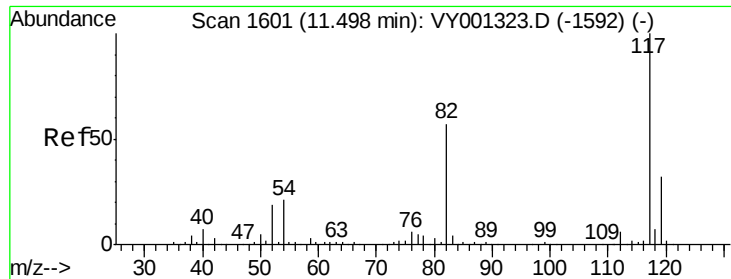
Tgt Ion: 107 Resp: 37131
 Ion Ratio Lower Upper
 107 100
 109 93.8 75.0 112.6



#62
 4-Bromofluorobenzene
 Concen: 48.88 ug/l
 RT: 12.49 min Scan# 1764
 Delta R.T. 0.01 min
 Lab File: VY001415.D
 Acq: 29 Jan 2020 11:58

Tgt Ion: 95 Resp: 148209
 Ion Ratio Lower Upper
 95 100
 174 73.1 0.0 142.0
 176 71.2 0.0 138.6

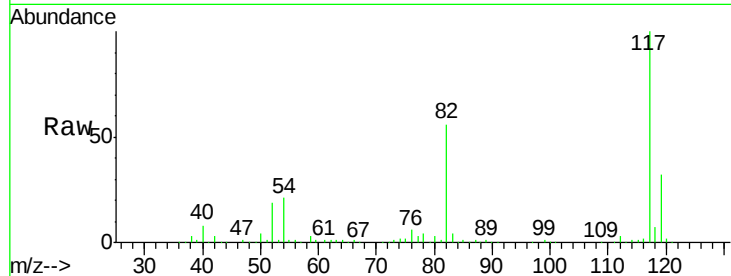




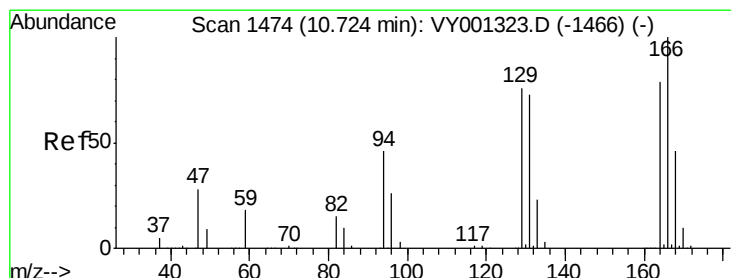
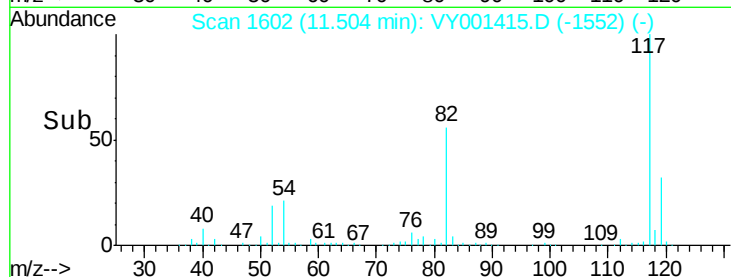
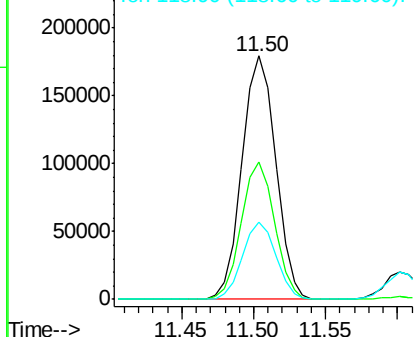
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.01 min
Lab File: VY001415.D
Acq: 29 Jan 2020 11:58

Instrument :
MSVOA_Y
ClientSampleId :
VY0129SBS01

Tgt Ion:117 Resp: 291344
Ion Ratio Lower Upper
117 100
82 56.4 45.5 68.3
119 31.9 25.8 38.6

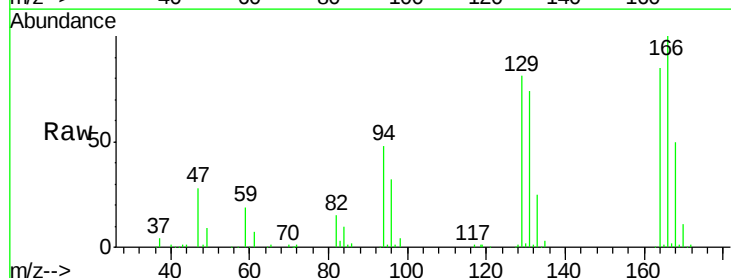


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

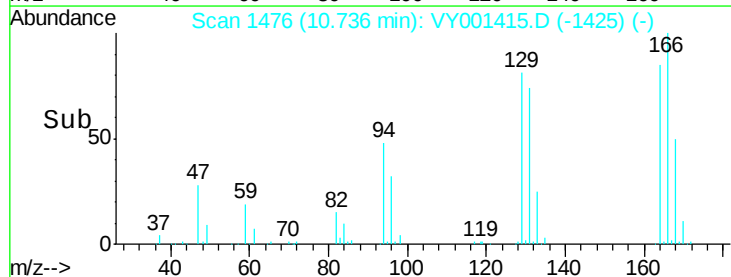
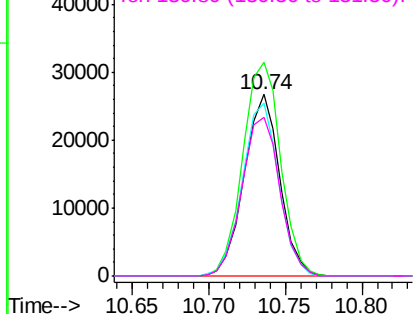


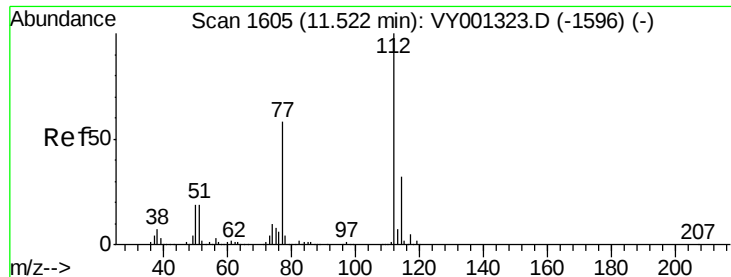
#64
Tetrachloroethene
Concen: 23.20 ug/l
RT: 10.74 min Scan# 1476
Delta R.T. 0.01 min
Lab File: VY001415.D
Acq: 29 Jan 2020 11:58

Tgt Ion:164 Resp: 43167
Ion Ratio Lower Upper
164 100
166 117.8 101.8 152.8
129 95.1 77.1 115.7
131 87.8 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

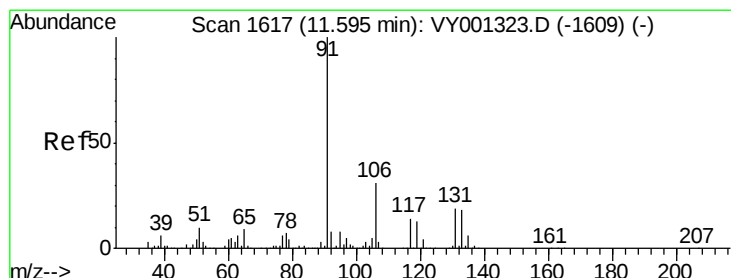
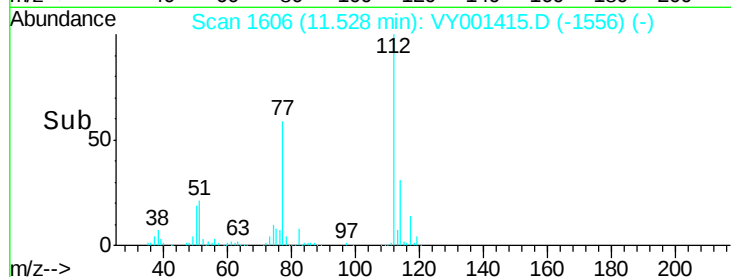
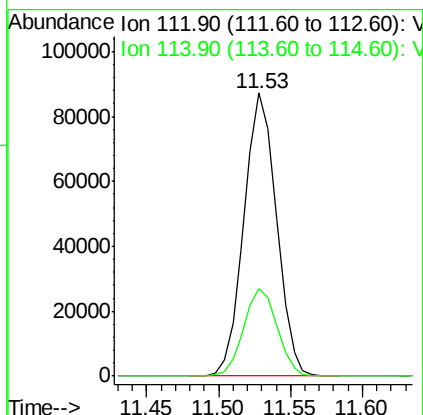
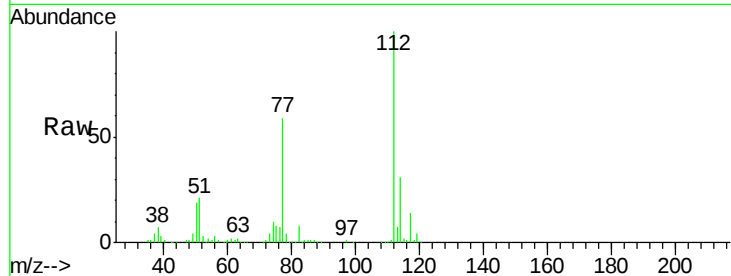




#65
Chlorobenzene
Concen: 22.25 ug/l
RT: 11.53 min Scan# 1606
Delta R.T. 0.01 min
Lab File: VY001415.D
Acq: 29 Jan 2020 11:58

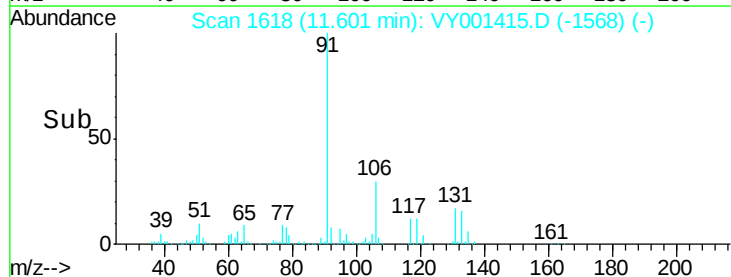
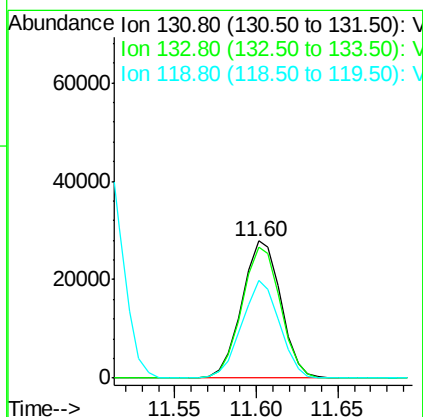
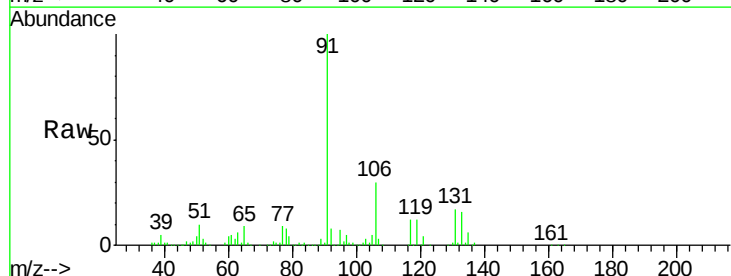
Instrument :
MSVOA_Y
ClientSampleId :
VY0129SBS01

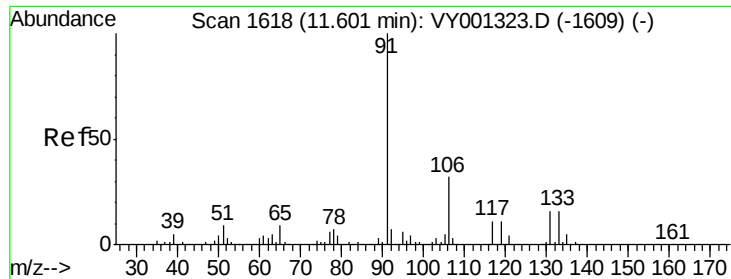
Tgt Ion:112 Resp: 136638
Ion Ratio Lower Upper
112 100
114 31.0 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 22.14 ug/l
RT: 11.60 min Scan# 1618
Delta R.T. 0.01 min
Lab File: VY001415.D
Acq: 29 Jan 2020 11:58

Tgt Ion:131 Resp: 46399
Ion Ratio Lower Upper
131 100
133 94.9 47.1 141.3
119 68.7 34.1 102.2

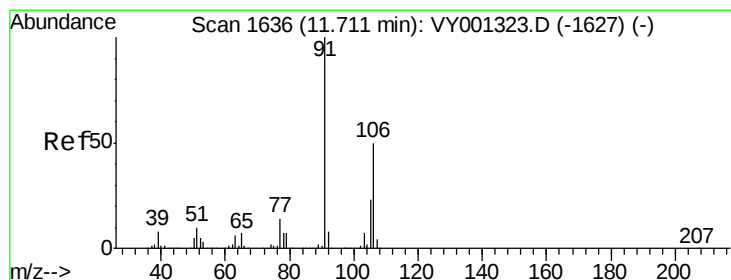
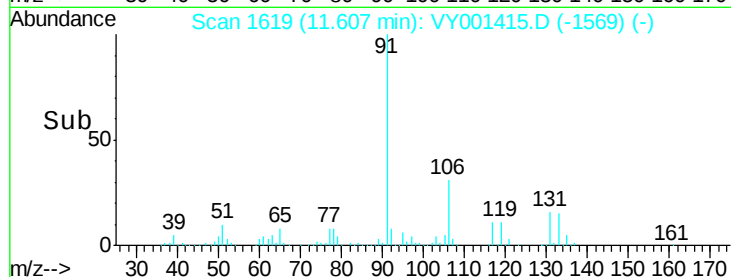
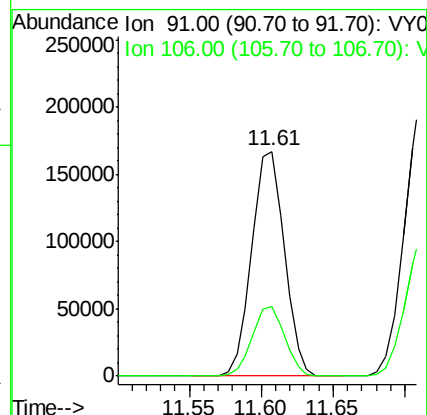
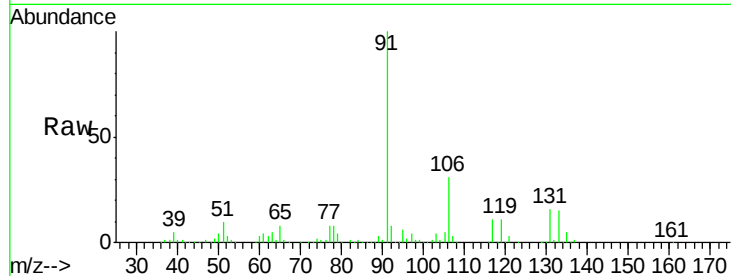




#67
Ethyl Benzene
Concen: 23.12 ug/l
RT: 11.61 min Scan# 1619
Delta R.T. 0.01 min
Lab File: VY001415.D
Acq: 29 Jan 2020 11:58

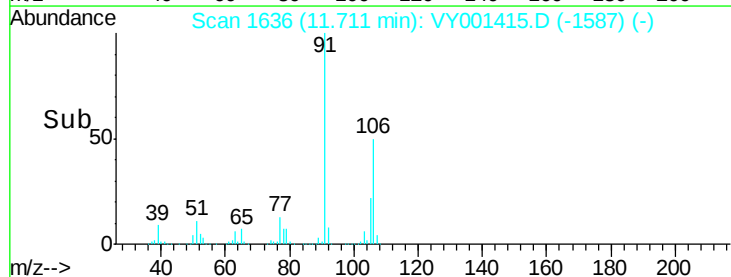
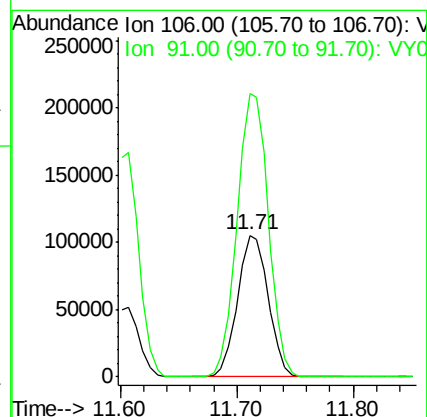
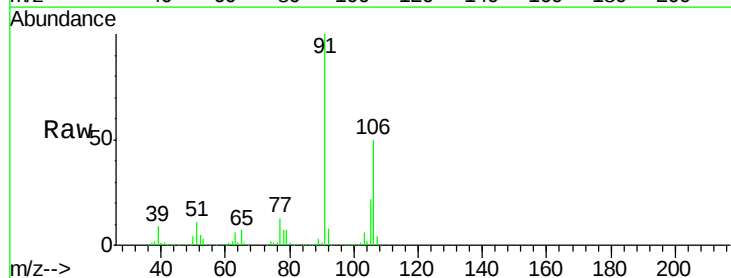
Instrument :
MSVOA_Y
ClientSampleId :
VY0129SBS01

Tgt Ion: 91 Resp: 261667
Ion Ratio Lower Upper
91 100
106 30.9 25.4 38.0



#68
m/p-Xylenes
Concen: 45.79 ug/l
RT: 11.71 min Scan# 1636
Delta R.T. -0.00 min
Lab File: VY001415.D
Acq: 29 Jan 2020 11:58

Tgt Ion: 106 Resp: 193548
Ion Ratio Lower Upper
106 100
91 203.3 162.8 244.2

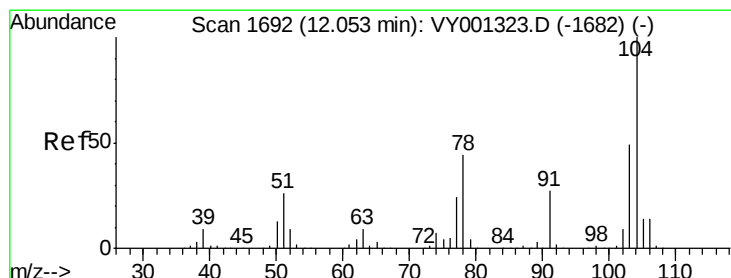
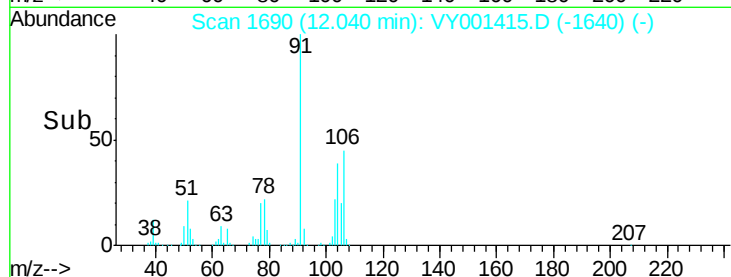
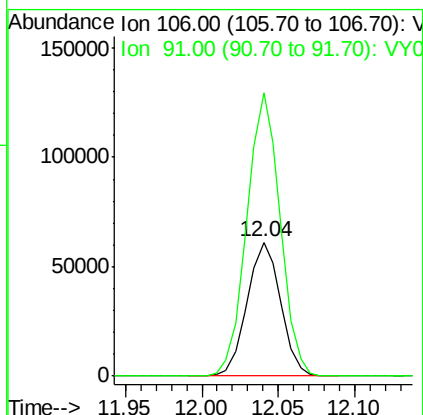
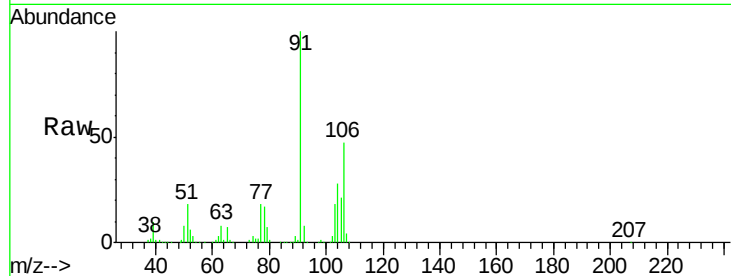




#69
o-Xylene
Concen: 22.81 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. 0.01 min
Lab File: VY001415.D
Acq: 29 Jan 2020 11:58

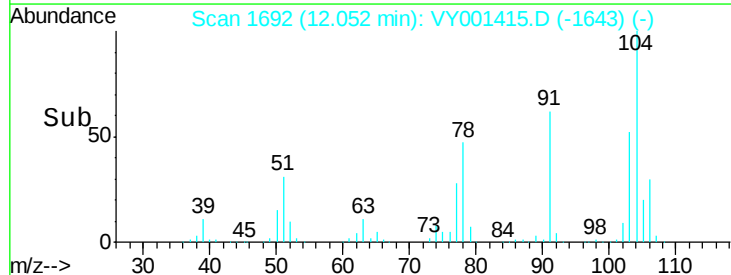
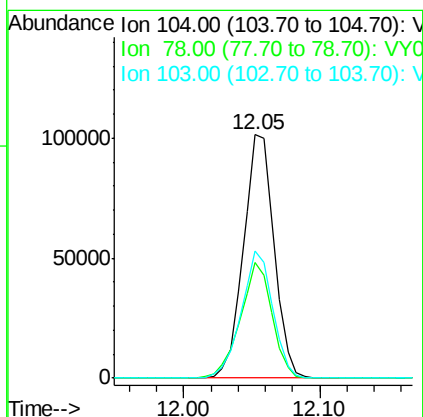
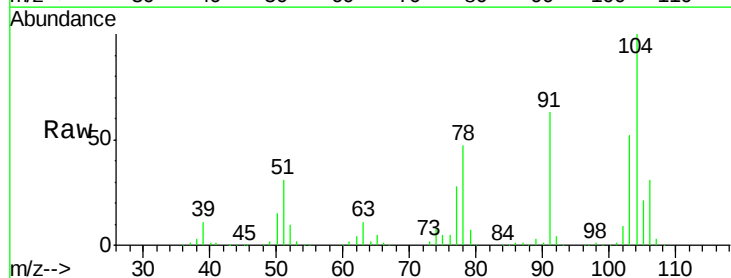
Instrument :
MSVOA_Y
ClientSampleId :
VY0129SBS01

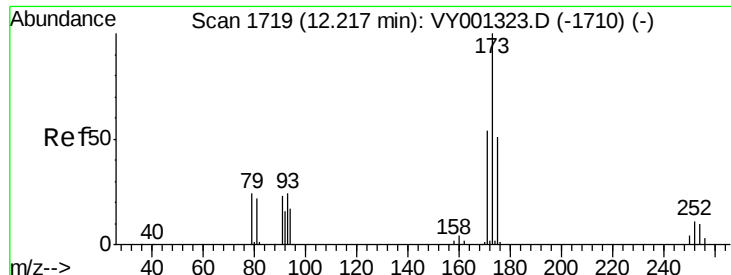
Tgt Ion:106 Resp: 92746
Ion Ratio Lower Upper
106 100
91 211.1 106.3 319.0



#70
Styrene
Concen: 22.40 ug/l
RT: 12.05 min Scan# 1692
Delta R.T. -0.00 min
Lab File: VY001415.D
Acq: 29 Jan 2020 11:58

Tgt Ion:104 Resp: 159836
Ion Ratio Lower Upper
104 100
78 48.9 39.8 59.8
103 53.8 43.2 64.8

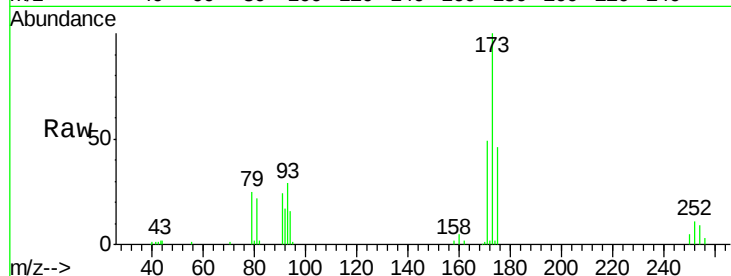




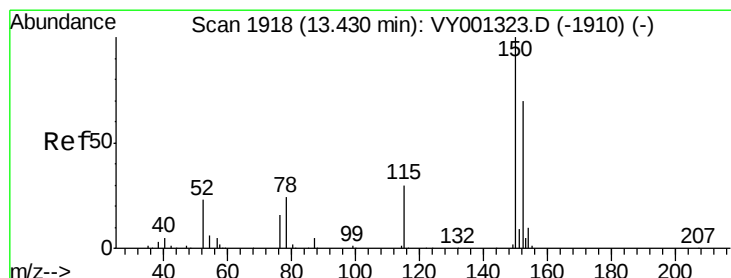
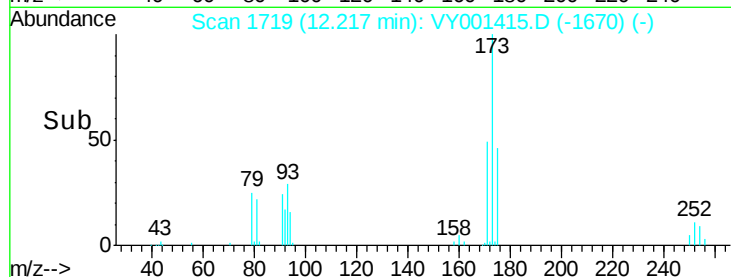
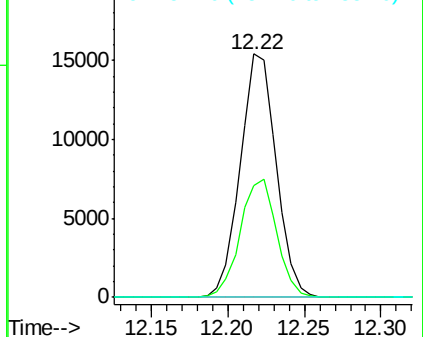
#71
Bromoform
Concen: 20.12 ug/l
RT: 12.22 min Scan# 1719
Delta R.T. -0.00 min
Lab File: VY001415.D
Acq: 29 Jan 2020 11:58

Instrument :
MSVOA_Y
ClientSampleId :
VY0129SBS01

Tgt Ion:173 Resp: 25165
Ion Ratio Lower Upper
173 100
175 49.1 24.3 72.9
254 0.0 0.0 0.0

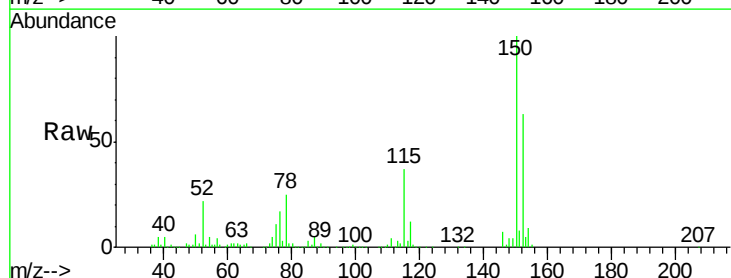


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

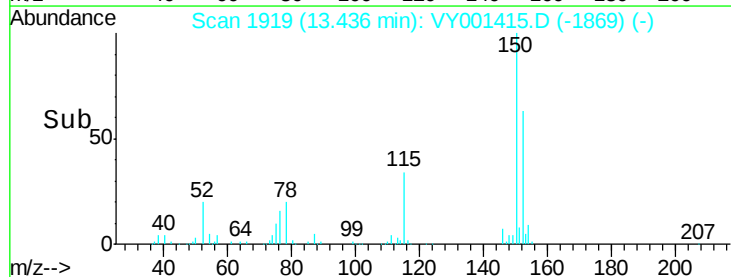
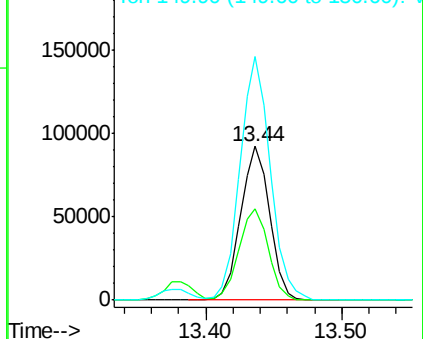


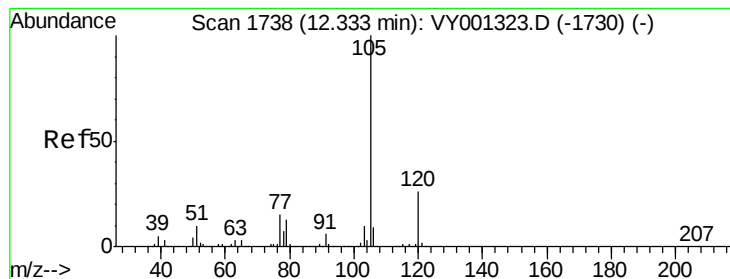
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.44 min Scan# 1919
Delta R.T. 0.01 min
Lab File: VY001415.D
Acq: 29 Jan 2020 11:58

Tgt Ion:152 Resp: 137351
Ion Ratio Lower Upper
152 100
115 59.8 30.9 92.8
150 164.9 0.0 349.2



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 22.91 ug/l

RT: 12.34 min Scan# 1739

Delta R.T. 0.01 min

Lab File: VY001415.D

Acq: 29 Jan 2020 11:58

Instrument :

MSVOA_Y

ClientSampleId :

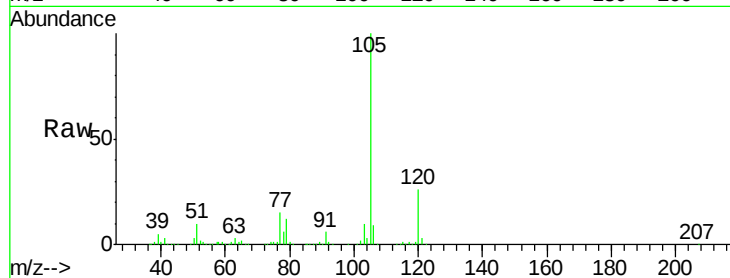
VY0129SBS01

Tgt Ion: 105 Resp: 248318

Ion Ratio Lower Upper

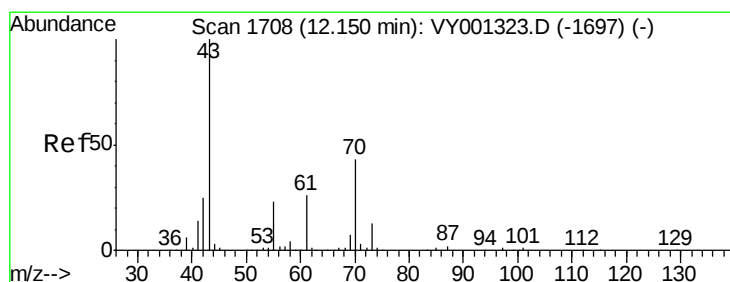
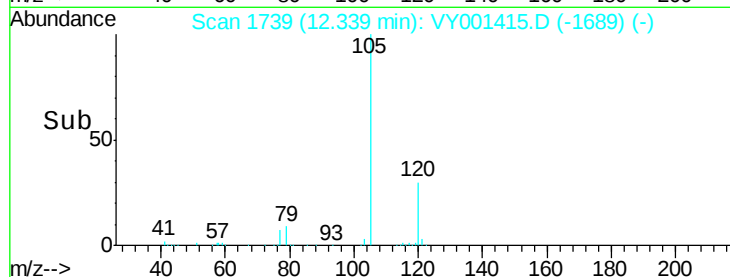
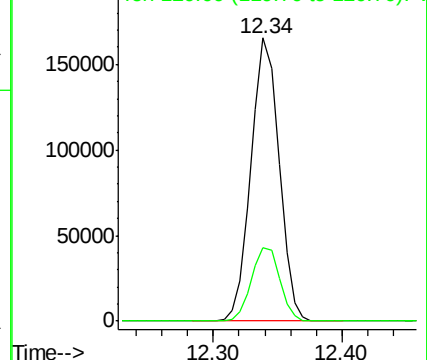
105 100

120 26.3 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 19.27 ug/l

RT: 12.16 min Scan# 1709

Delta R.T. 0.01 min

Lab File: VY001415.D

Acq: 29 Jan 2020 11:58

Tgt Ion: 43 Resp: 68367

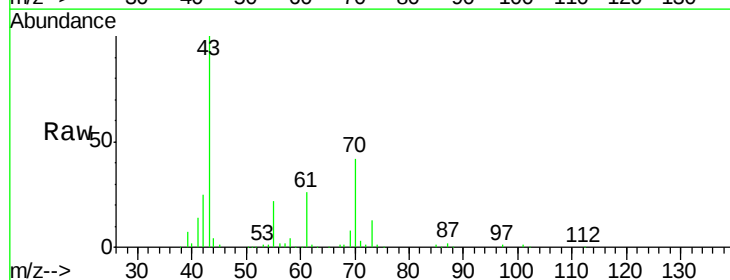
Ion Ratio Lower Upper

43 100

70 42.1 33.5 50.3

55 23.3 18.2 27.2

61 24.9 19.6 29.4

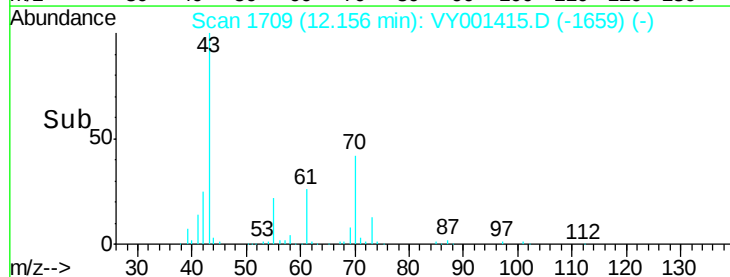
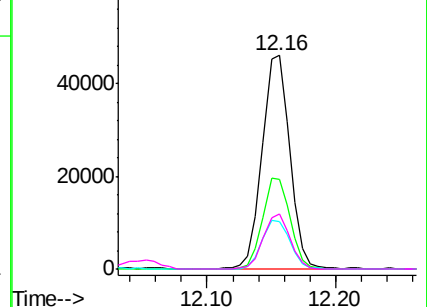


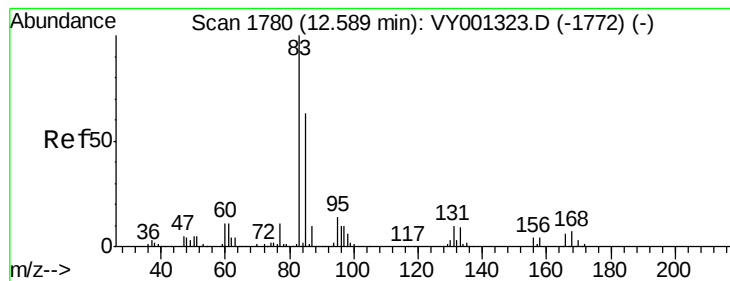
Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 70.00 (69.70 to 70.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 61.00 (60.70 to 61.70): VY0





#75

1,1,2,2-Tetrachloroethane

Concen: 19.95 ug/l

RT: 12.59 min Scan# 1781

Delta R.T. 0.01 min

Lab File: VY001415.D

Acq: 29 Jan 2020 11:58

Instrument :

MSVOA_Y

ClientSampleId :

VY0129SBS01

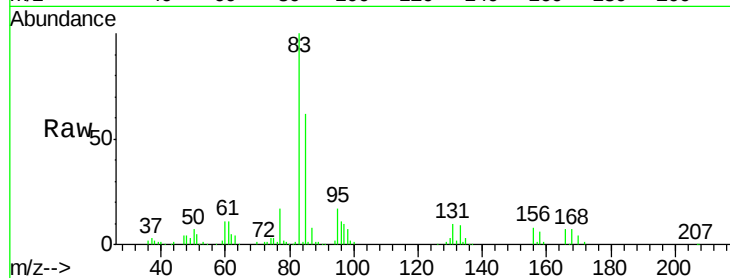
Tgt Ion: 83 Resp: 46299

Ion Ratio Lower Upper

83 100

131 9.8 4.9 14.6

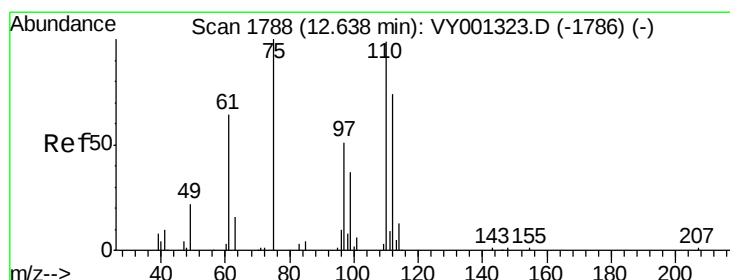
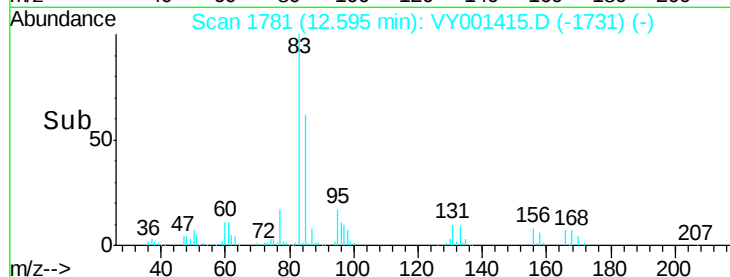
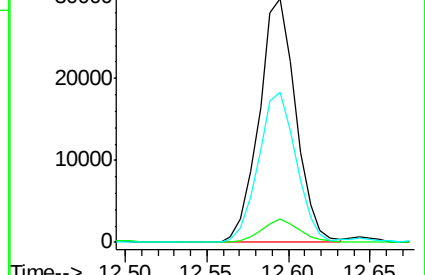
85 63.4 31.4 94.3



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: 36.87 ug/l

RT: 12.64 min Scan# 1789

Delta R.T. 0.01 min

Lab File: VY001415.D

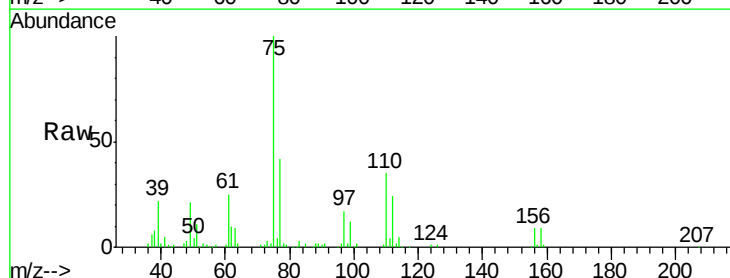
Acq: 29 Jan 2020 11:58

Tgt Ion: 75 Resp: 61024

Ion Ratio Lower Upper

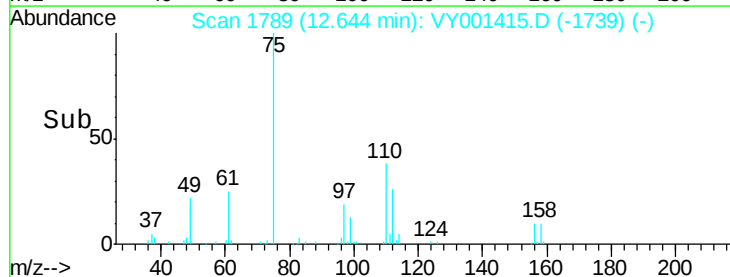
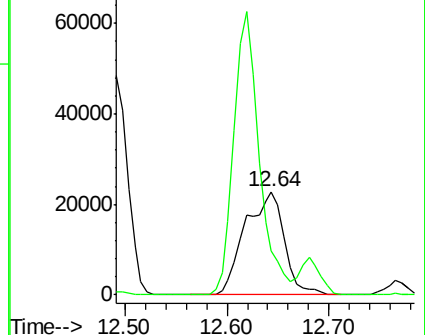
75 100

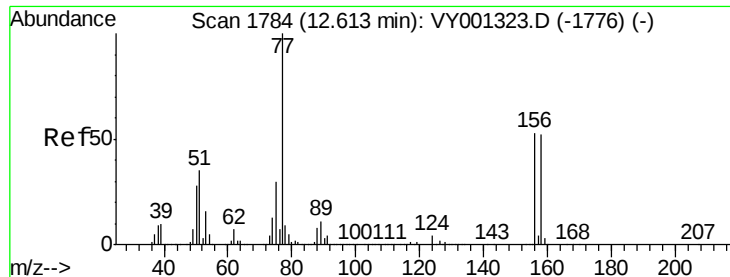
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 77.00 (76.70 to 77.70): VY0





#77

Bromobenzene

Concen: 22.37 ug/l

RT: 12.62 min Scan# 1785

Delta R.T. 0.01 min

Lab File: VY001415.D

Acq: 29 Jan 2020 11:58

Instrument :

MSVOA_Y

ClientSampleId :

VY0129SBS01

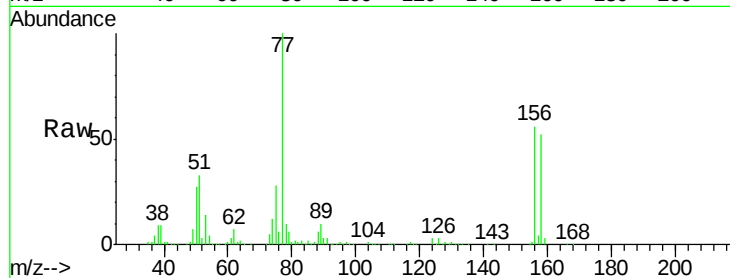
Tgt Ion:156 Resp: 53706

Ion Ratio Lower Upper

156 100

77 201.1 104.7 313.9

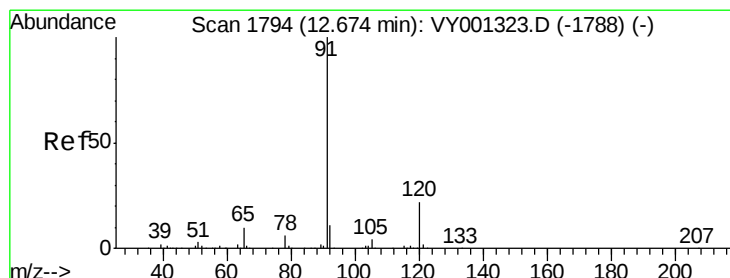
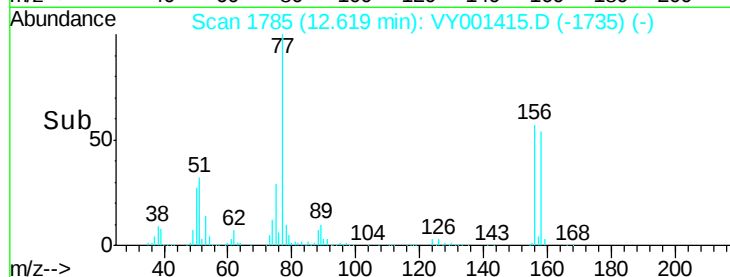
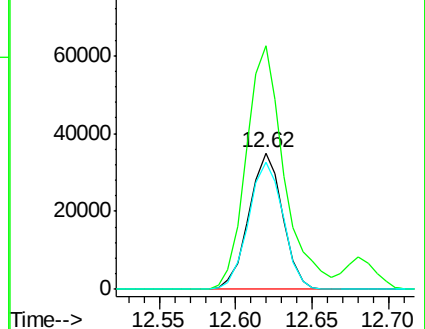
158 96.2 48.6 145.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 23.39 ug/l

RT: 12.68 min Scan# 1795

Delta R.T. 0.01 min

Lab File: VY001415.D

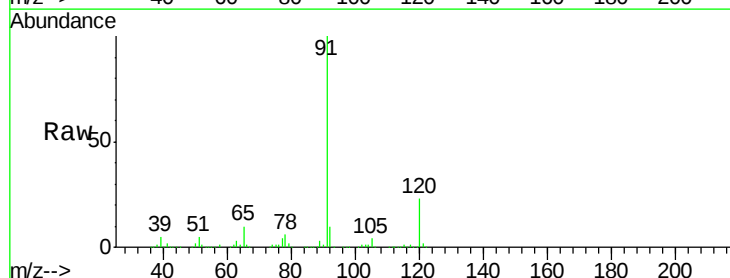
Acq: 29 Jan 2020 11:58

Tgt Ion: 91 Resp: 305142

Ion Ratio Lower Upper

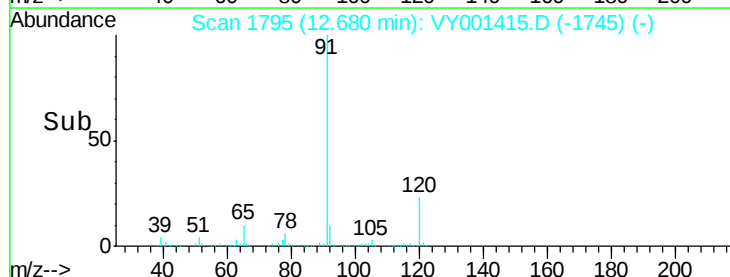
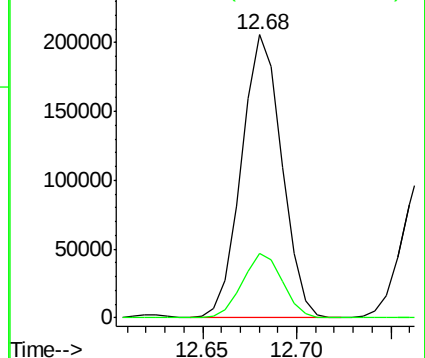
91 100

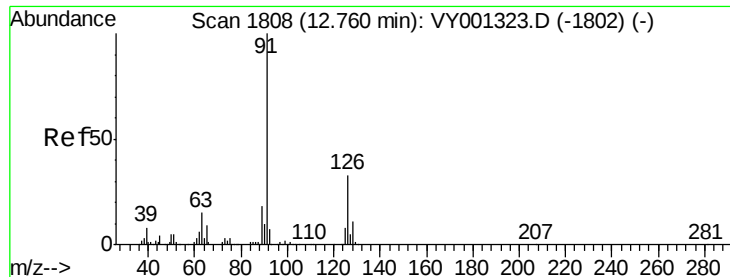
120 22.9 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 22.75 ug/l

RT: 12.77 min Scan# 1809

Delta R.T. 0.01 min

Lab File: VY001415.D

Acq: 29 Jan 2020 11:58

Instrument :

MSVOA_Y

ClientSampleId :

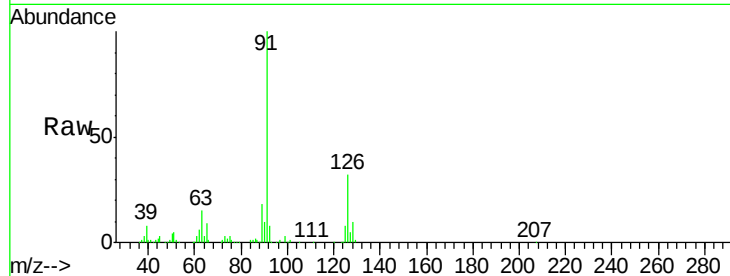
VY0129SBS01

Tgt Ion: 91 Resp: 169575

Ion Ratio Lower Upper

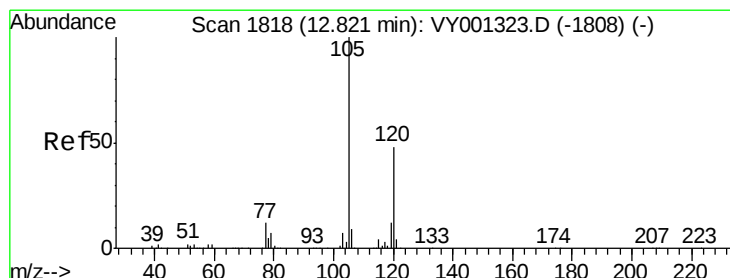
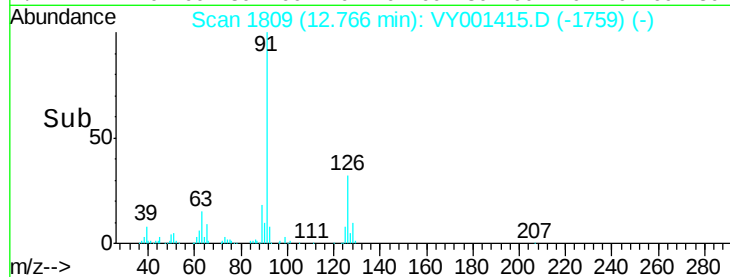
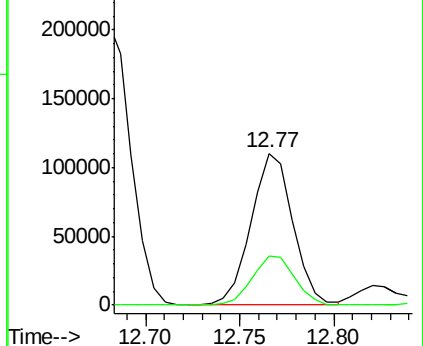
91 100

126 33.0 16.6 49.7



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 22.95 ug/l

RT: 12.82 min Scan# 1818

Delta R.T. -0.00 min

Lab File: VY001415.D

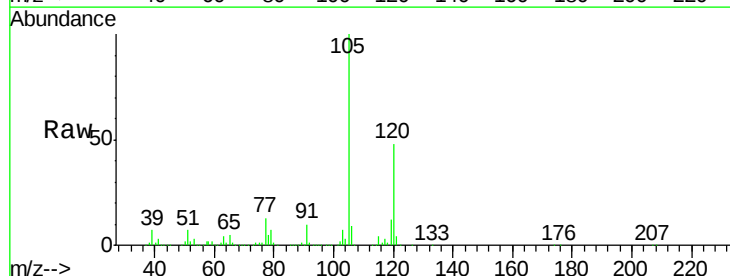
Acq: 29 Jan 2020 11:58

Tgt Ion: 105 Resp: 207591

Ion Ratio Lower Upper

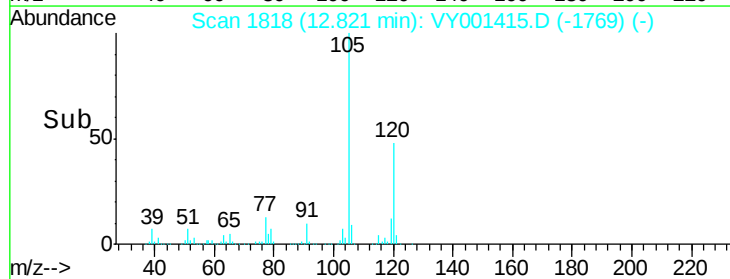
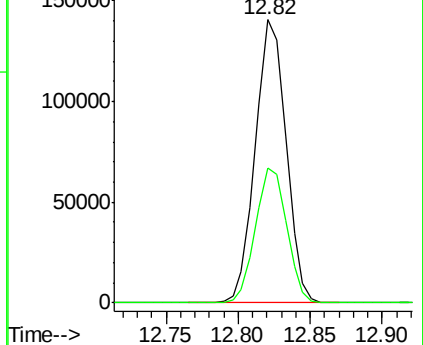
105 100

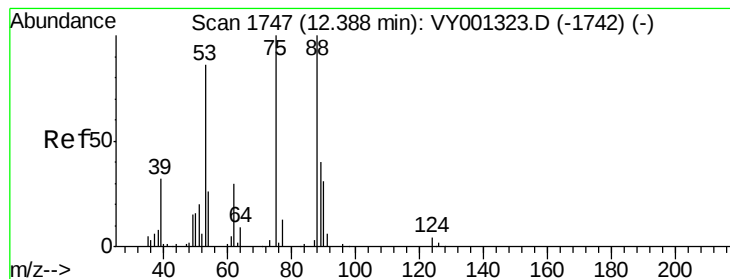
120 48.5 24.3 72.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 19.48 ug/l

RT: 12.39 min Scan# 1747

Delta R.T. -0.00 min

Lab File: VY001415.D

Acq: 29 Jan 2020 11:58

Instrument :

MSVOA_Y

ClientSampleId :

VY0129SBS01

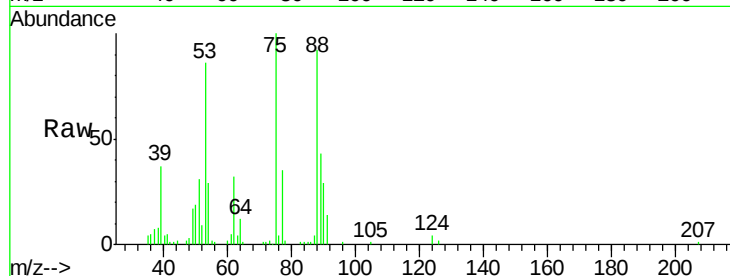
Tgt Ion: 75 Resp: 17039

Ion Ratio Lower Upper

75 100

53 89.3 69.9 104.9

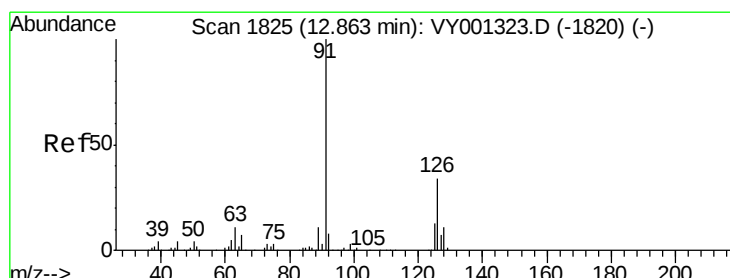
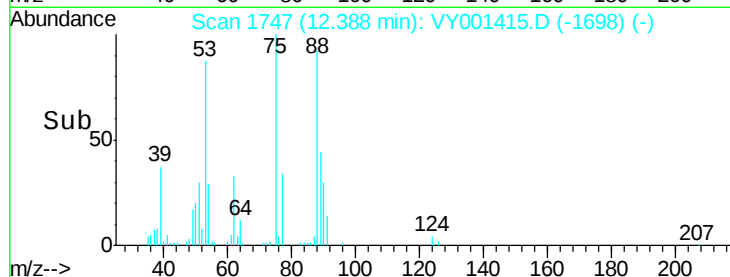
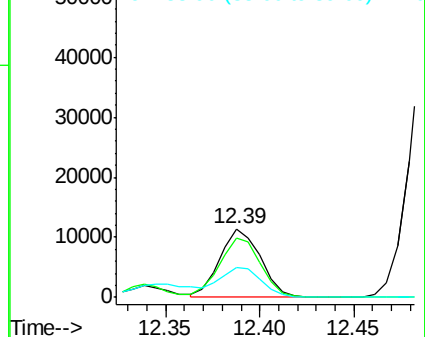
89 44.3 36.6 54.8



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: 22.03 ug/l

RT: 12.86 min Scan# 1825

Delta R.T. -0.00 min

Lab File: VY001415.D

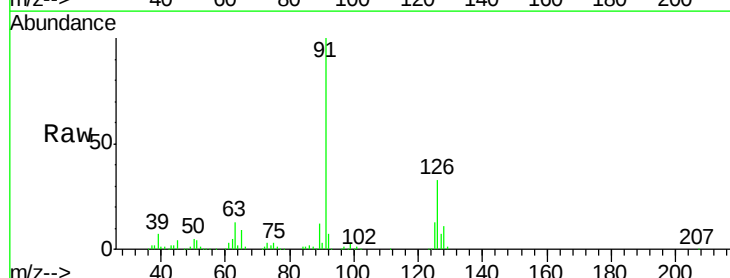
Acq: 29 Jan 2020 11:58

Tgt Ion: 91 Resp: 175355

Ion Ratio Lower Upper

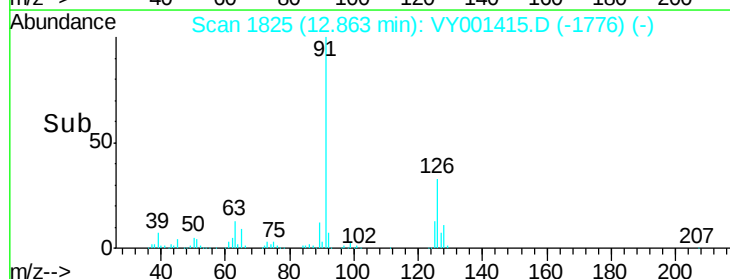
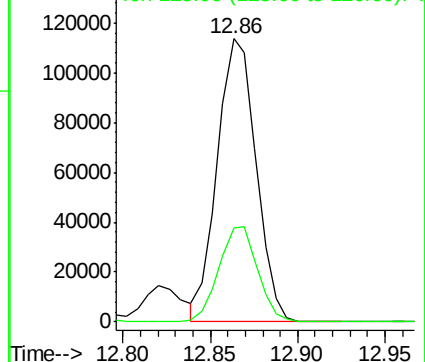
91 100

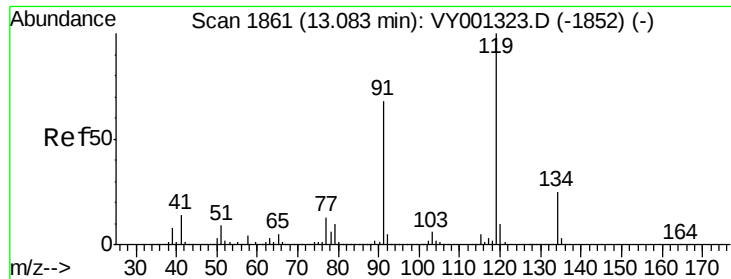
126 33.8 16.4 49.4



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V

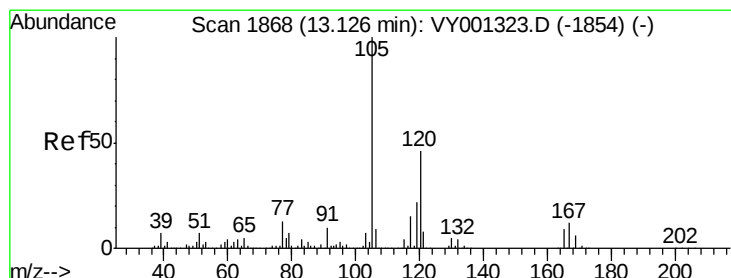
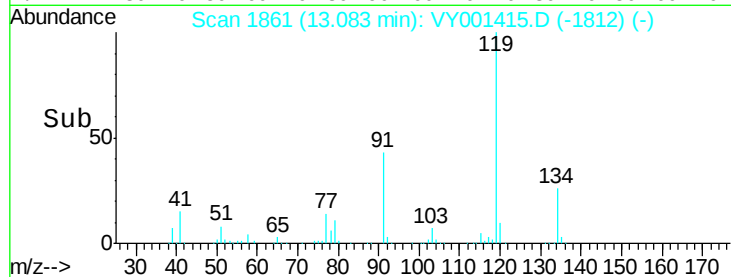
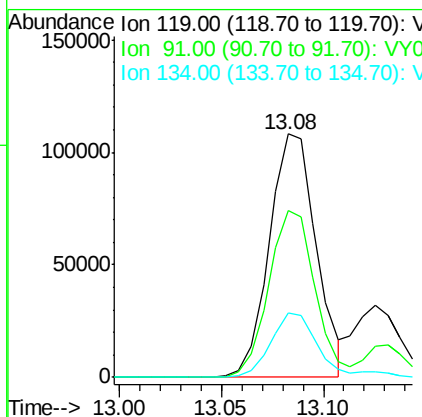
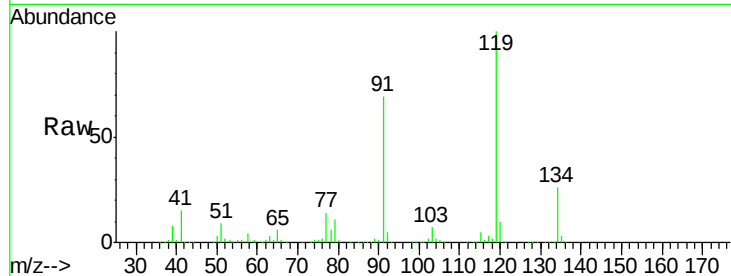




#83
 tert-Butylbenzene
 Concen: 22.75 ug/l
 RT: 13.08 min Scan# 1861
 Delta R.T. -0.00 min
 Lab File: VY001415.D
 Acq: 29 Jan 2020 11:58

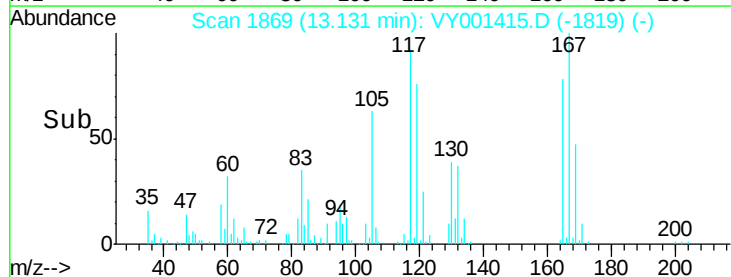
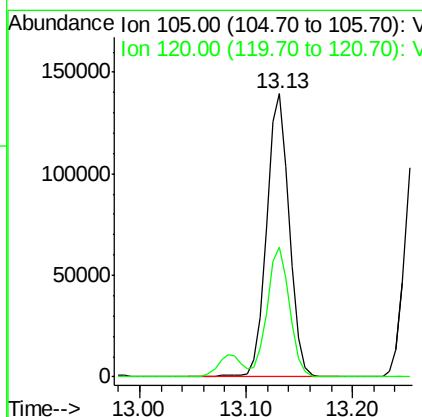
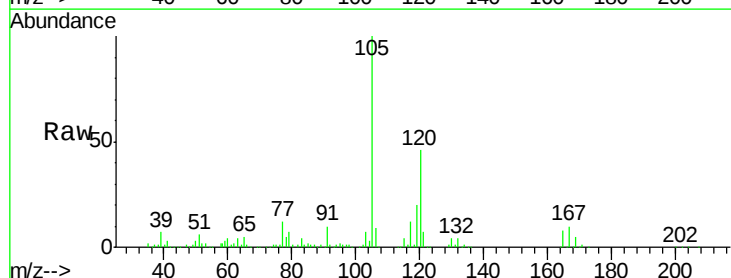
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0129SBS01

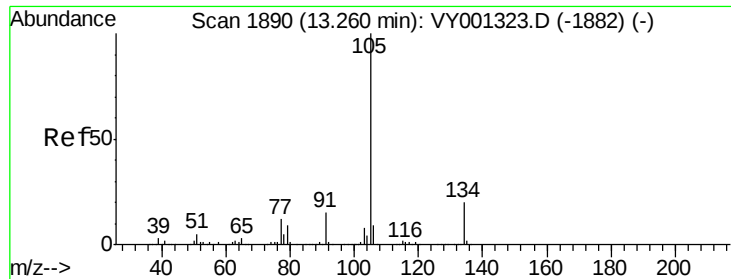
Tgt Ion:119 Resp: 173450
 Ion Ratio Lower Upper
 119 100
 91 67.9 33.0 99.0
 134 27.1 13.3 39.9



#84
 1,2,4-Trimethylbenzene
 Concen: 22.80 ug/l
 RT: 13.13 min Scan# 1869
 Delta R.T. 0.01 min
 Lab File: VY001415.D
 Acq: 29 Jan 2020 11:58

Tgt Ion:105 Resp: 207050
 Ion Ratio Lower Upper
 105 100
 120 45.5 22.4 67.3

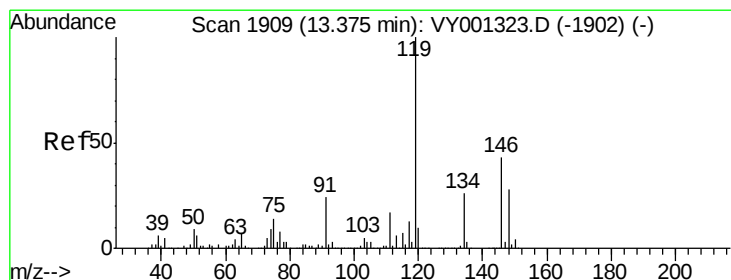
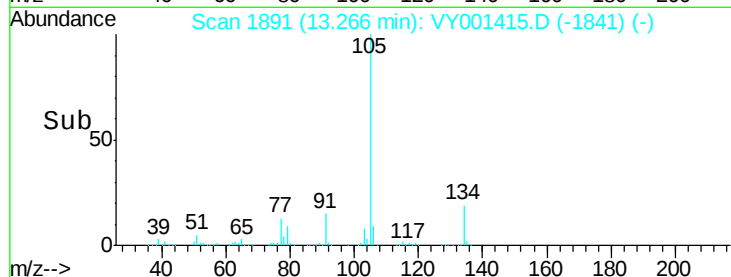
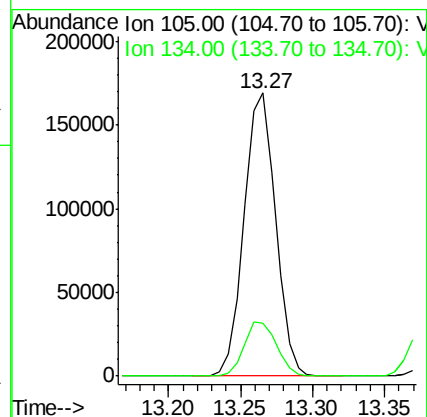
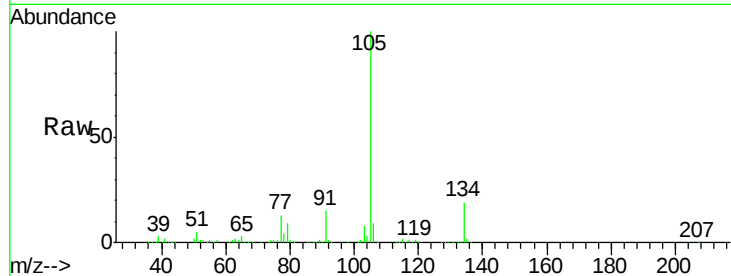




#85
 sec-Butylbenzene
 Concen: 23.66 ug/l
 RT: 13.27 min Scan# 1891
 Delta R.T. 0.01 min
 Lab File: VY001415.D
 Acq: 29 Jan 2020 11:58

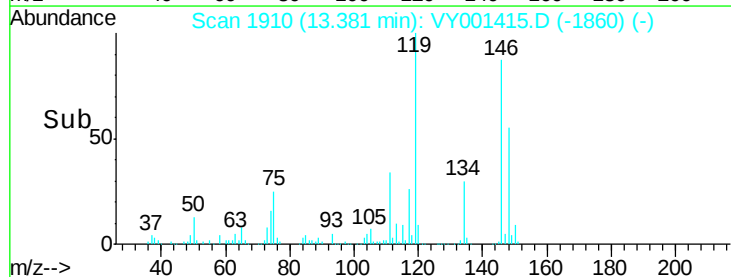
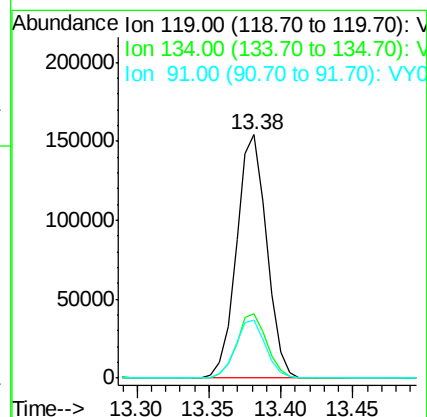
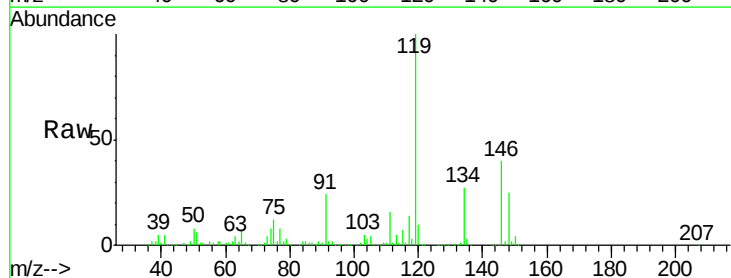
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0129SBS01

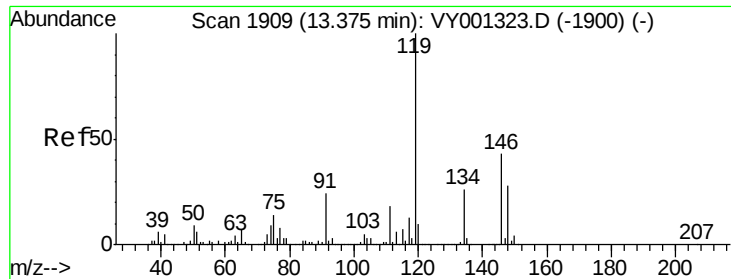
Tgt Ion:105 Resp: 256361
 Ion Ratio Lower Upper
 105 100
 134 19.7 9.8 29.4



#86
 p-Isopropyltoluene
 Concen: 23.50 ug/l
 RT: 13.38 min Scan# 1910
 Delta R.T. 0.01 min
 Lab File: VY001415.D
 Acq: 29 Jan 2020 11:58

Tgt Ion:119 Resp: 224371
 Ion Ratio Lower Upper
 119 100
 134 26.7 13.5 40.4
 91 23.9 12.2 36.6

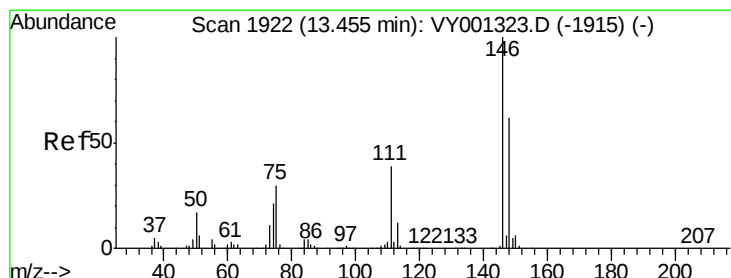
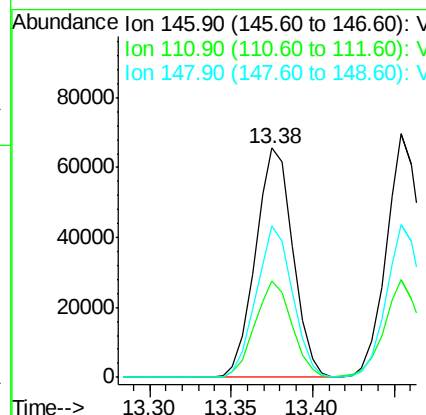
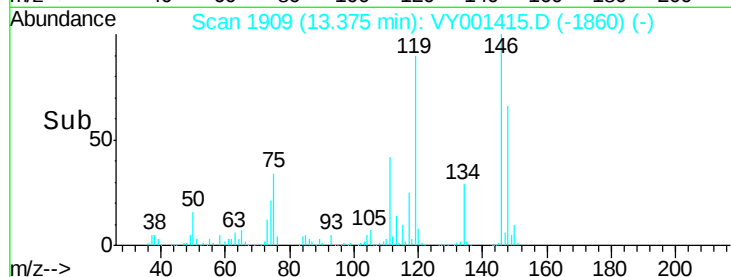
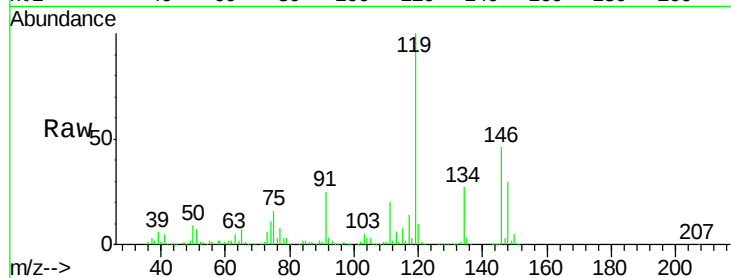




#87
 1,3-Dichlorobenzene
 Concen: 22.54 ug/l
 RT: 13.38 min Scan# 1909
 Delta R.T. -0.00 min
 Lab File: VY001415.D
 Acq: 29 Jan 2020 11:58

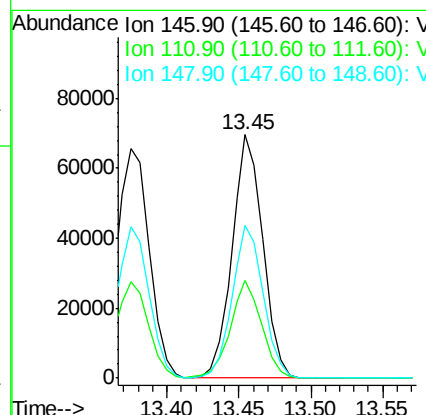
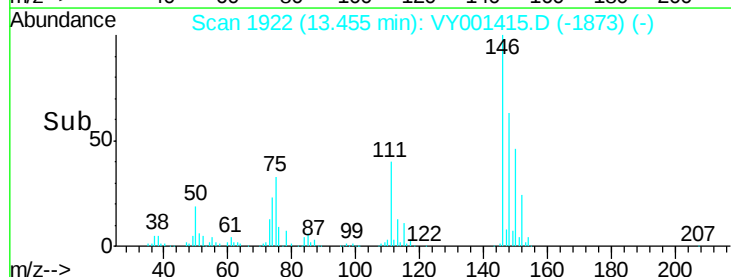
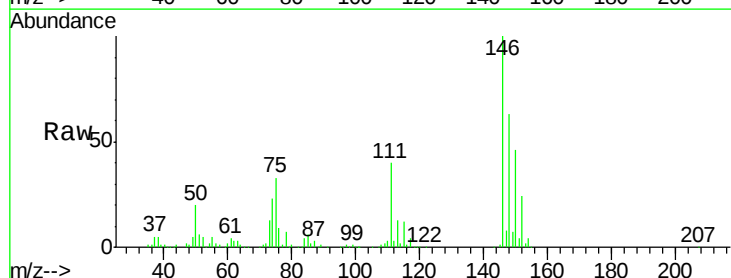
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0129SBS01

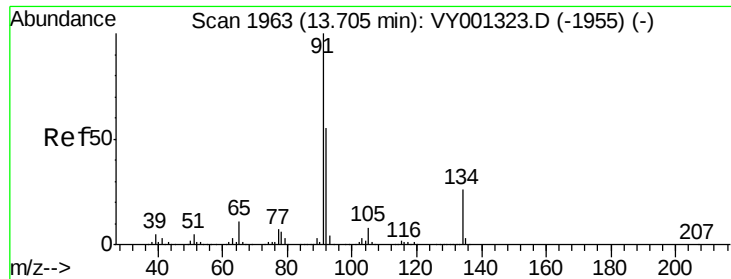
Tgt Ion:146 Resp: 104224
 Ion Ratio Lower Upper
 146 100
 111 41.4 20.6 61.8
 148 64.2 31.6 95.0



#88
 1,4-Dichlorobenzene
 Concen: 22.10 ug/l
 RT: 13.45 min Scan# 1922
 Delta R.T. -0.00 min
 Lab File: VY001415.D
 Acq: 29 Jan 2020 11:58

Tgt Ion:146 Resp: 103747
 Ion Ratio Lower Upper
 146 100
 111 41.1 20.5 61.5
 148 63.5 31.6 95.0

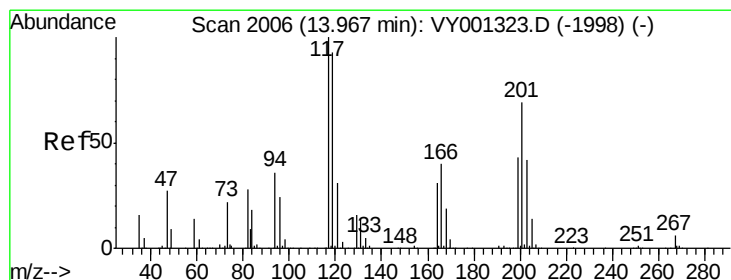
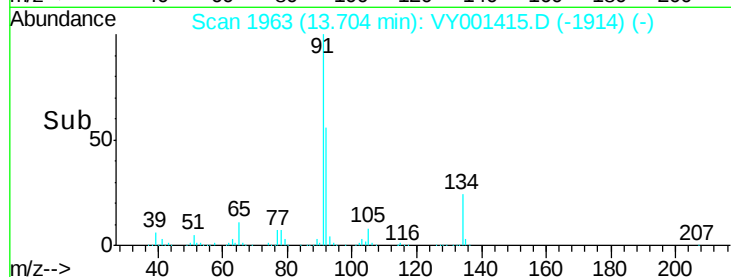
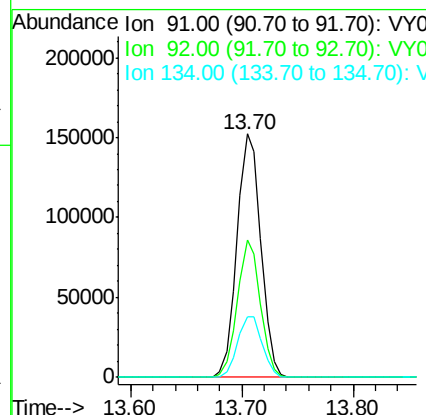
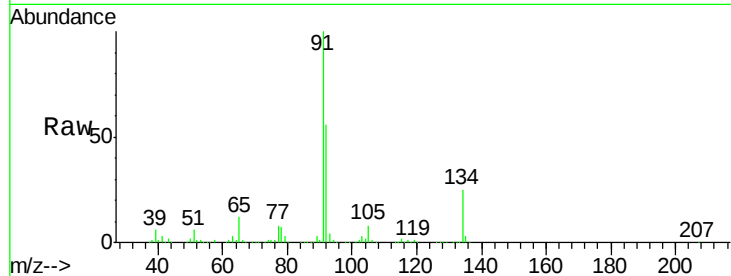




#89
n-Butylbenzene
Concen: 23.48 ug/l
RT: 13.70 min Scan# 1963
Delta R.T. -0.00 min
Lab File: VY001415.D
Acq: 29 Jan 2020 11:58

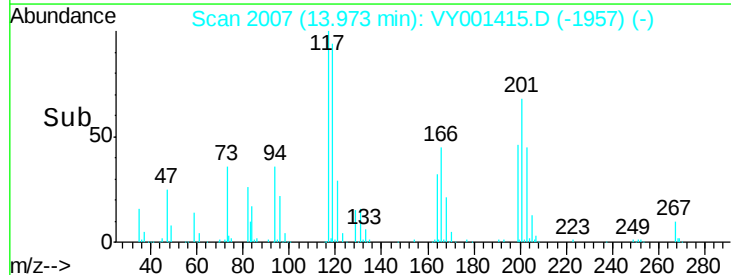
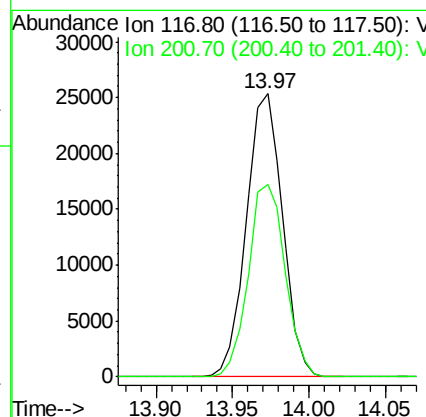
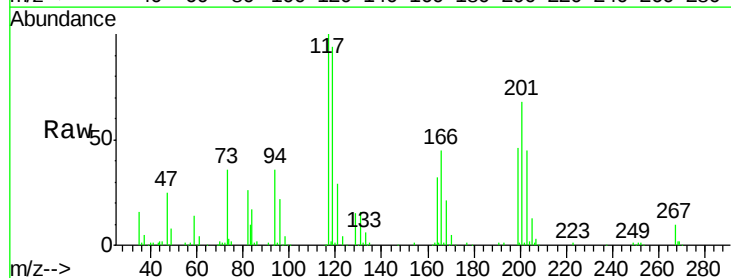
Instrument :
MSVOA_Y
ClientSampleId :
VY0129SBS01

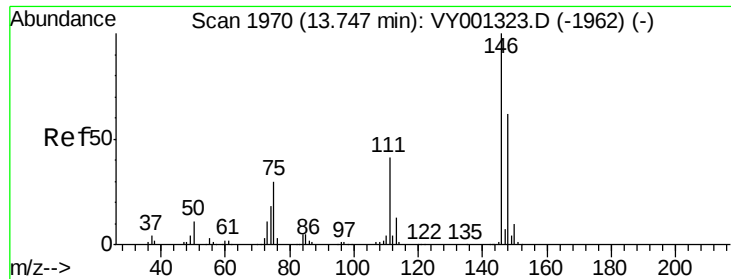
Tgt Ion: 91 Resp: 225595
Ion Ratio Lower Upper
91 100
92 54.2 27.6 82.8
134 25.6 12.9 38.6



#90
Hexachloroethane
Concen: 23.04 ug/l
RT: 13.97 min Scan# 2007
Delta R.T. 0.01 min
Lab File: VY001415.D
Acq: 29 Jan 2020 11:58

Tgt Ion: 117 Resp: 41697
Ion Ratio Lower Upper
117 100
201 69.2 34.6 103.8

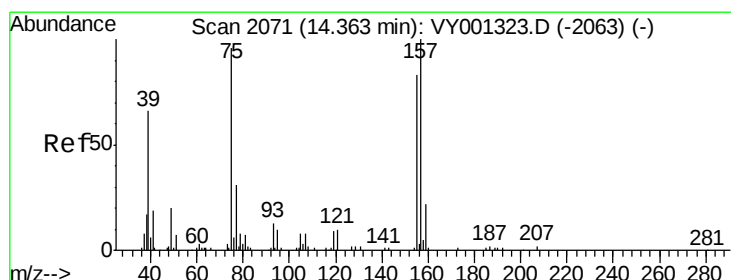
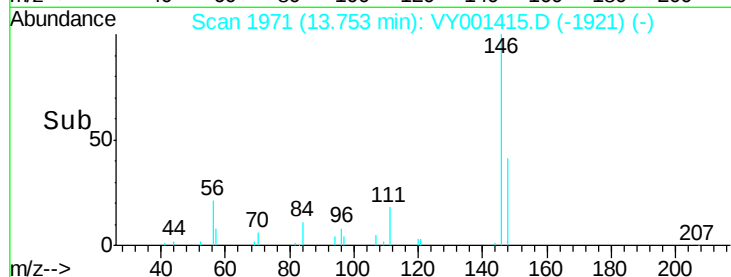
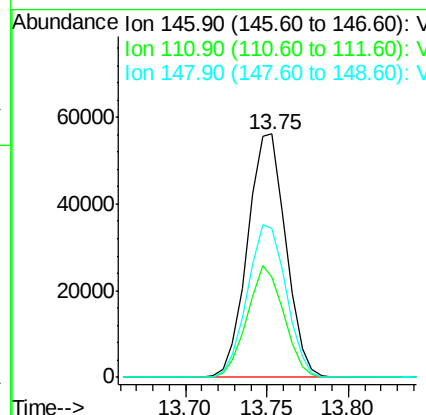
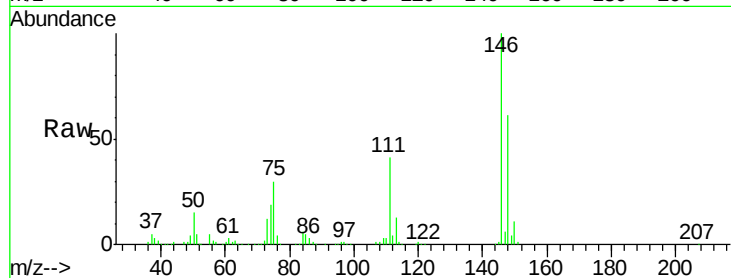




#91
 1,2-Dichlorobenzene
 Concen: 21.53 ug/l
 RT: 13.75 min Scan# 1971
 Delta R.T. 0.01 min
 Lab File: VY001415.D
 Acq: 29 Jan 2020 11:58

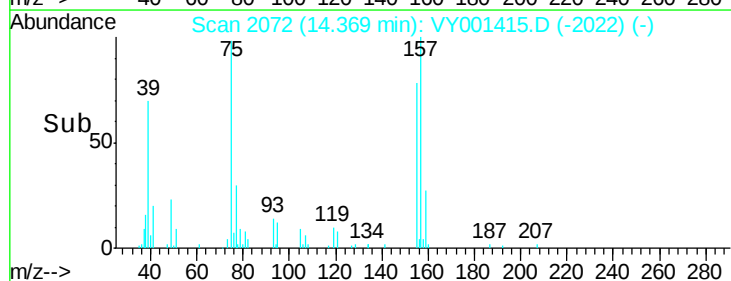
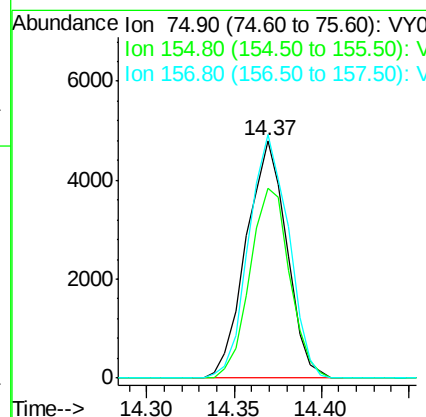
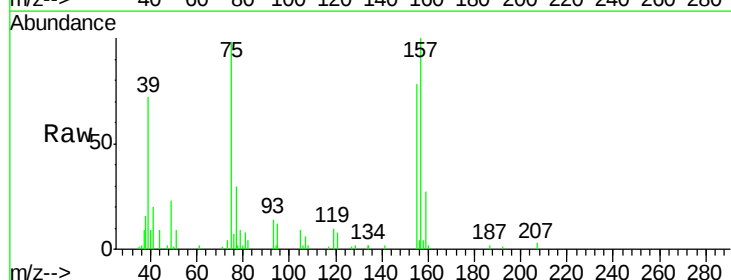
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0129SBS01

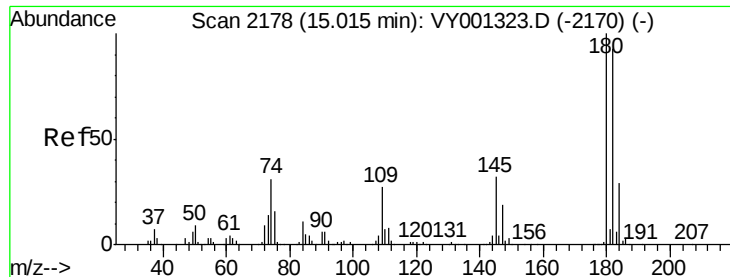
Tgt Ion:146 Resp: 91794
 Ion Ratio Lower Upper
 146 100
 111 43.8 21.1 63.4
 148 63.4 31.5 94.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.24 ug/l
 RT: 14.37 min Scan# 2072
 Delta R.T. 0.01 min
 Lab File: VY001415.D
 Acq: 29 Jan 2020 11:58

Tgt Ion: 75 Resp: 7708
 Ion Ratio Lower Upper
 75 100
 155 78.9 43.0 129.2
 157 100.9 53.3 160.0

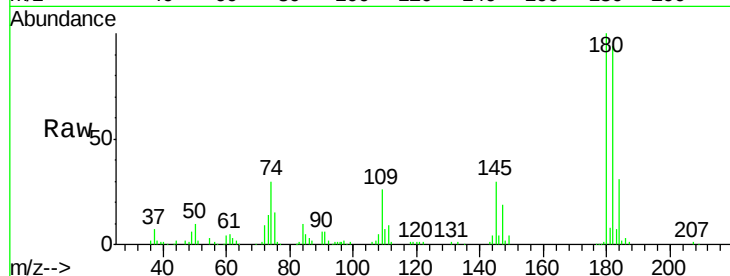




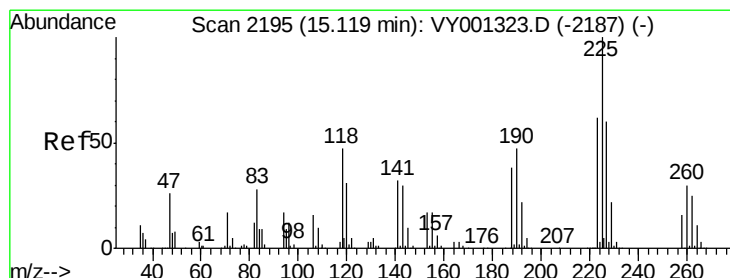
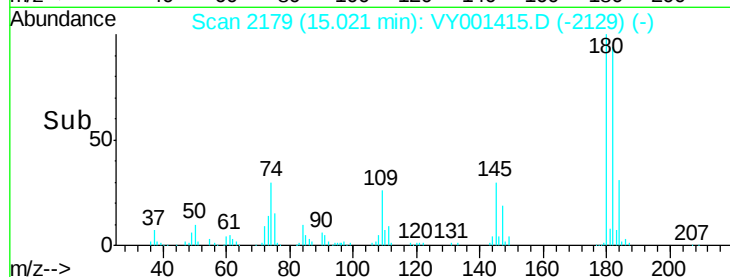
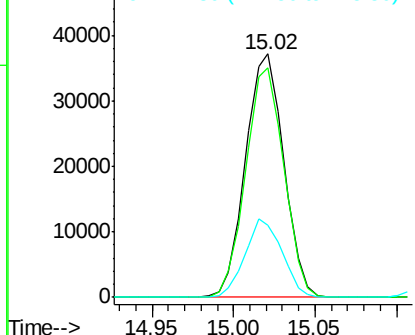
#93
 1,2,4-Trichlorobenzene
 Concen: 21.24 ug/l
 RT: 15.02 min Scan# 2179
 Delta R.T. 0.01 min
 Lab File: VY001415.D
 Acq: 29 Jan 2020 11:58

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0129SBS01

Tgt Ion:180 Resp: 60780
 Ion Ratio Lower Upper
 180 100
 182 93.8 47.6 142.8
 145 31.2 16.3 48.9

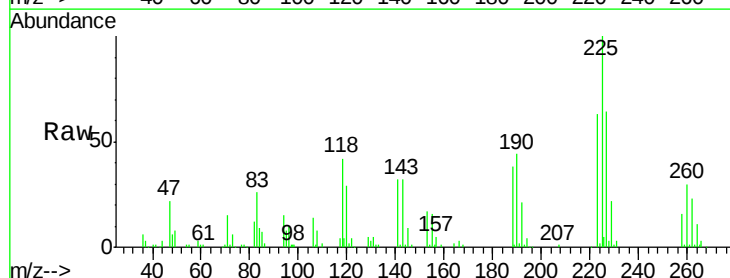


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

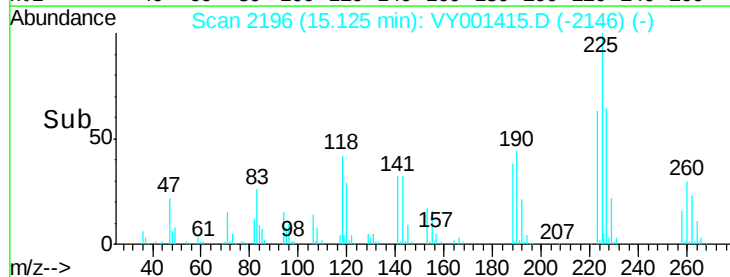
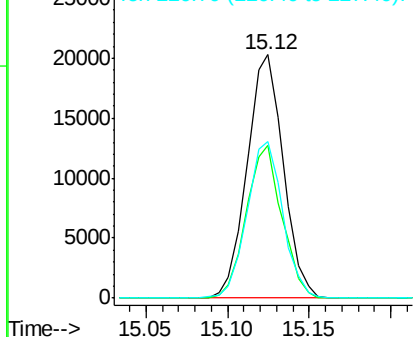


#94
 Hexachlorobutadiene
 Concen: 22.53 ug/l
 RT: 15.12 min Scan# 2196
 Delta R.T. 0.01 min
 Lab File: VY001415.D
 Acq: 29 Jan 2020 11:58

Tgt Ion:225 Resp: 31397
 Ion Ratio Lower Upper
 225 100
 223 61.5 31.2 93.6
 227 63.5 31.0 93.0



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V

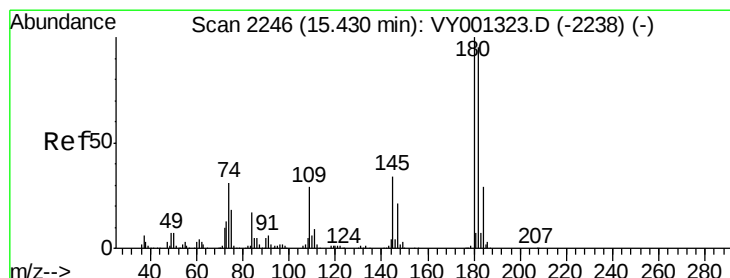
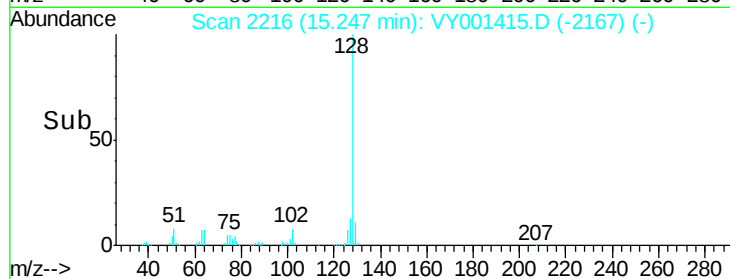
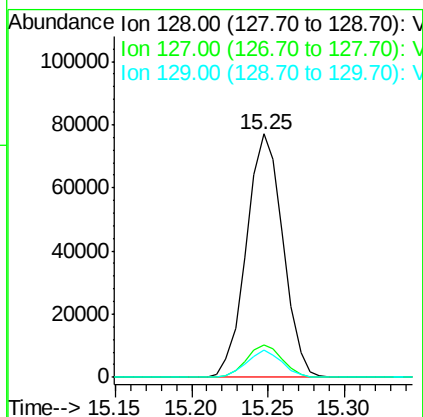
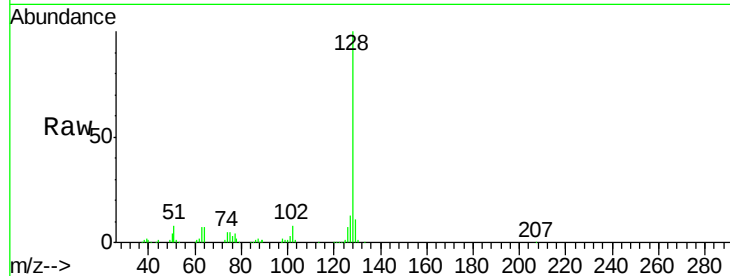




#95
Naphthalene
Concen: 19.54 ug/l
RT: 15.25 min Scan# 2216
Delta R.T. -0.00 min
Lab File: VY001415.D
Acq: 29 Jan 2020 11:58

Instrument :
MSVOA_Y
ClientSampleId :
VY0129SBS01

Tgt Ion:128 Resp: 127879
Ion Ratio Lower Upper
128 100
127 13.1 10.2 15.2
129 10.7 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 20.72 ug/l
RT: 15.44 min Scan# 2247
Delta R.T. 0.01 min
Lab File: VY001415.D
Acq: 29 Jan 2020 11:58

Tgt Ion:180 Resp: 52016
Ion Ratio Lower Upper
180 100
182 95.1 47.3 141.8
145 33.1 16.8 50.3

