

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY033120\
 Data File : VY002125.D
 Acq On : 31 Mar 2020 12:16
 Operator : SY/MD
 Sample : VY0331SBS01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0331SBS01

Quant Time: Mar 31 14:59:08 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y032620S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 07:11:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	163878	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	8.71	114	298815	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.51	117	271209	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.44	152	123484	50.00	ug/l	0.01

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.17	65	86843	47.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.88%	
35) Dibromofluoromethane	7.75	113	82776	49.44	ug/l	0.01
Spiked Amount	50.000		Recovery	=	98.88%	
50) Toluene-d8	10.20	98	343821	49.43	ug/l	0.01
Spiked Amount	50.000		Recovery	=	98.86%	
62) 4-Bromofluorobenzene	12.50	95	119085	48.95	ug/l	0.01
Spiked Amount	50.000		Recovery	=	97.90%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.92	85	33183	28.16	ug/l	98
3) Chloromethane	2.13	50	43379	22.65	ug/l	97
4) Vinyl Chloride	2.27	62	43239	22.20	ug/l	99
5) Bromomethane	2.66	94	28482	22.41	ug/l	97
6) Chloroethane	2.82	64	27023	21.61	ug/l	95
7) Trichlorofluoromethane	3.15	101	59801	22.40	ug/l	97
8) Diethyl Ether	3.56	74	23194	20.52	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.93	101	38116	21.77	ug/l	100
10) Methyl Iodide	4.13	142	42360	20.34	ug/l	99
11) Tert butyl alcohol	4.97	59	14686	68.79	ug/l #	74
12) 1,1-Dichloroethene	3.91	96	38438	21.62	ug/l	94
13) Acrolein	3.76	56	22644	84.86	ug/l	98
14) Allyl chloride	4.52	41	67693	20.79	ug/l	99
15) Acrylonitrile	5.21	53	59209	99.92	ug/l	100
16) Acetone	3.98	43	48272	94.84	ug/l	99
17) Carbon Disulfide	4.22	76	126860	21.50	ug/l	99
18) Methyl Acetate	4.51	43	26676	20.18	ug/l	98
19) Methyl tert-butyl Ether	5.26	73	101386	20.44	ug/l	100
20) Methylene Chloride	4.75	84	45356	18.27	ug/l	97
21) trans-1,2-Dichloroethene	5.25	96	43027	21.25	ug/l	98
22) Diisopropyl ether	6.16	45	138911	20.85	ug/l	98
23) Vinyl Acetate	6.10	43	442861	101.38	ug/l	99
24) 1,1-Dichloroethane	6.05	63	75296	21.26	ug/l	98
25) 2-Butanone	7.02	43	78125	99.96	ug/l	96
26) 2,2-Dichloropropane	7.02	77	63295	21.70	ug/l	99
27) cis-1,2-Dichloroethene	7.02	96	46889	21.05	ug/l	97
28) Bromochloromethane	7.36	49	31198	19.29	ug/l	98
29) Tetrahydrofuran	7.38	42	49657	96.91	ug/l	99
30) Chloroform	7.54	83	69782	20.78	ug/l	100
31) Cyclohexane	7.82	56	79135	20.97	ug/l	92
32) 1,1,1-Trichloroethane	7.74	97	59121	21.09	ug/l	99
36) 1,1-Dichloropropene	7.95	75	59281	20.97	ug/l	99
37) Ethyl Acetate	7.11	43	33261	19.47	ug/l	99
38) Carbon Tetrachloride	7.93	117	51831	21.61	ug/l	100

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 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 07:11:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.21	83	78971	21.30	ug/l	97
40) Benzene	8.19	78	177329	21.18	ug/l	97
41) Methacrylonitrile	7.38	41	44647	51.68	ug/l #	100
42) 1,2-Dichloroethane	8.26	62	46200	20.79	ug/l	100
43) Isopropyl Acetate	8.30	43	63487	20.03	ug/l	99
44) Trichloroethene	8.96	130	43420	21.52	ug/l	98
45) 1,2-Dichloropropane	9.24	63	45856	21.51	ug/l	99
46) Dibromomethane	9.33	93	22308	20.38	ug/l	97
47) Bromodichloromethane	9.52	83	53968	21.18	ug/l	99
48) Methyl methacrylate	9.32	41	29128	20.50	ug/l	96
49) 1,4-Dioxane	9.32	88	5977	397.86	ug/l	96
51) 4-Methyl-2-Pentanone	10.09	43	168723	103.36	ug/l	100
52) Toluene	10.26	92	107360	21.20	ug/l	98
53) t-1,3-Dichloropropene	10.49	75	57998	20.50	ug/l	98
54) cis-1,3-Dichloropropene	9.95	75	69527	20.88	ug/l	100
55) 1,1,2-Trichloroethane	10.66	97	32506	20.06	ug/l	94
56) Ethyl methacrylate	10.53	69	46894	19.82	ug/l	99
57) 1,3-Dichloropropane	10.81	76	59442	20.76	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.80	63	119473	98.25	ug/l	100
59) 2-Hexanone	10.85	43	110709	96.28	ug/l	100
60) Dibromochloromethane	11.00	129	35366	20.86	ug/l	100
61) 1,2-Dibromoethane	11.11	107	30381	20.03	ug/l	99
64) Tetrachloroethene	10.74	164	35136	21.17	ug/l	96
65) Chlorobenzene	11.53	112	109299	20.88	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.61	131	37686	21.52	ug/l	99
67) Ethyl Benzene	11.61	91	205999	21.19	ug/l	100
68) m/p-Xylenes	11.72	106	151563	42.16	ug/l	100
69) o-Xylene	12.05	106	72340	21.21	ug/l	98
70) Styrene	12.06	104	122681	20.76	ug/l	99
71) Bromoform	12.22	173	19623	20.46	ug/l #	99
73) Isopropylbenzene	12.35	105	192035	20.96	ug/l	100
74) N-amyl acetate	12.16	43	56172	19.44	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.60	83	40791	20.69	ug/l	97
76) 1,2,3-Trichloropropane	12.65	75	51524	37.30	ug/l #	100
77) Bromobenzene	12.63	156	41359	21.15	ug/l	98
78) n-propylbenzene	12.69	91	240179	21.13	ug/l	99
79) 2-Chlorotoluene	12.77	91	131934	21.14	ug/l	100
80) 1,3,5-Trimethylbenzene	12.83	105	160787	21.28	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.39	75	14539	20.39	ug/l	98
82) 4-Chlorotoluene	12.87	91	138593	21.07	ug/l	99
83) tert-Butylbenzene	13.09	119	133196	21.11	ug/l	98
84) 1,2,4-Trimethylbenzene	13.14	105	160898	21.34	ug/l	99
85) sec-Butylbenzene	13.27	105	197487	21.14	ug/l	99
86) p-Isopropyltoluene	13.38	119	173748	21.65	ug/l	100
87) 1,3-Dichlorobenzene	13.38	146	82274	21.51	ug/l	99
88) 1,4-Dichlorobenzene	13.46	146	82409	21.41	ug/l	99
89) n-Butylbenzene	13.71	91	177269	21.20	ug/l	100
90) Hexachloroethane	13.98	117	32221	21.31	ug/l	98
91) 1,2-Dichlorobenzene	13.75	146	74597	21.12	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.38	75	6209	19.66	ug/l	97

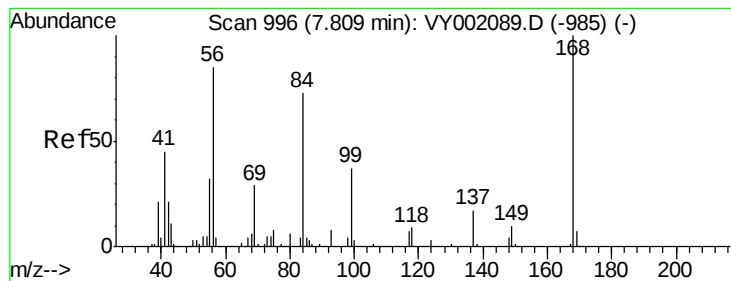
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY033120\
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Quant Title : SW846 8260
QLast Update : Fri Mar 27 07:11:05 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	47659	20.93	ug/l	99
94) Hexachlorobutadiene	15.13	225	23117	20.57	ug/l	97
95) Naphthalene	15.25	128	106453	19.68	ug/l	99
96) 1,2,3-Trichlorobenzene	15.44	180	42393	20.53	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. 0.01 min

Lab File: VY002125.D

Acq: 31 Mar 2020 12:16

Instrument :

MSVOA_Y

ClientSampleId :

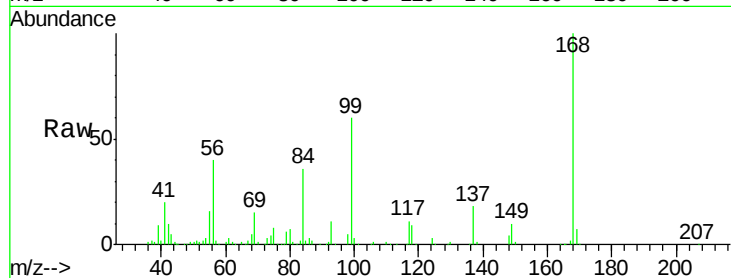
VY0331SBS01

Tgt Ion:168 Resp: 163878

Ion Ratio Lower Upper

168 100

99 60.4 47.6 71.4



Abundance Ion 167.90 (167.60 to 168.60): VY002125.D (-947) (-)

Ion 98.90 (98.60 to 99.60): VY002125.D (-947) (-)

7.82

80000

60000

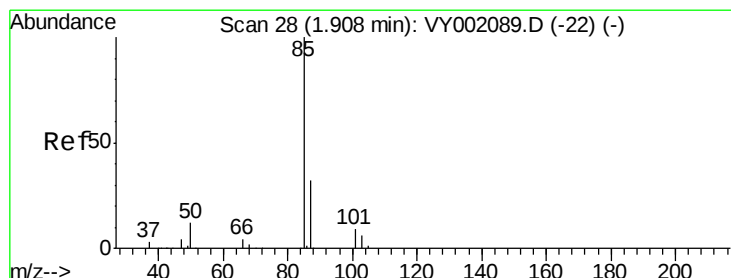
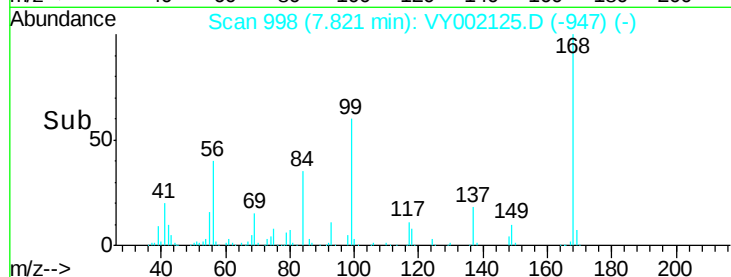
40000

20000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 28.16 ug/l

RT: 1.92 min Scan# 30

Delta R.T. 0.01 min

Lab File: VY002125.D

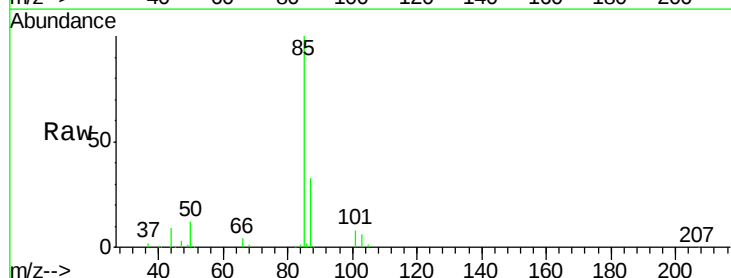
Acq: 31 Mar 2020 12:16

Tgt Ion: 85 Resp: 33183

Ion Ratio Lower Upper

85 100

87 33.1 16.0 48.0



Abundance Ion 84.90 (84.60 to 85.60): VY002125.D (-1) (-)

Ion 86.90 (86.60 to 87.60): VY002125.D (-1) (-)

1.92

25000

20000

15000

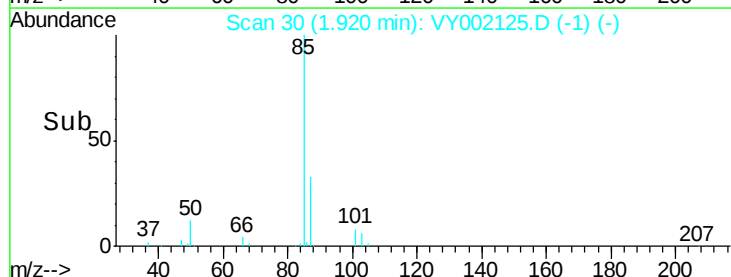
10000

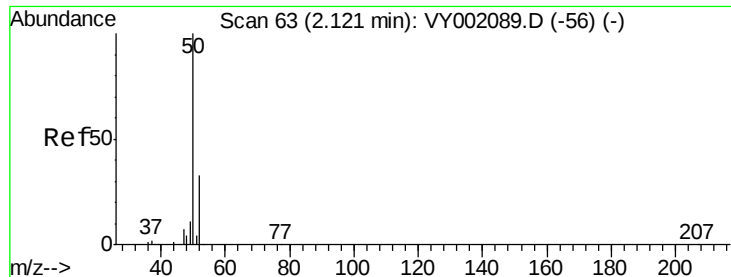
5000

0

1.90 2.00

Time-->





#3

Chloromethane

Concen: 22.65 ug/l

RT: 2.13 min Scan# 65

Delta R.T. 0.01 min

Lab File: VY002125.D

Acq: 31 Mar 2020 12:16

Instrument :

MSVOA_Y

ClientSampleId :

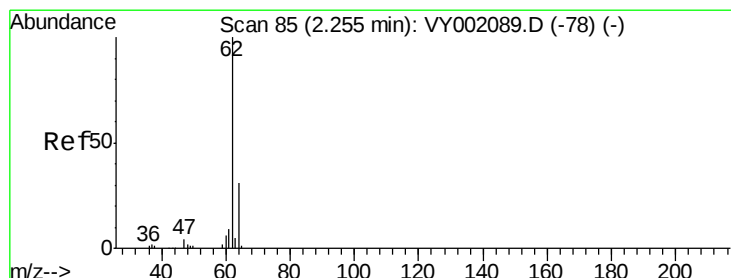
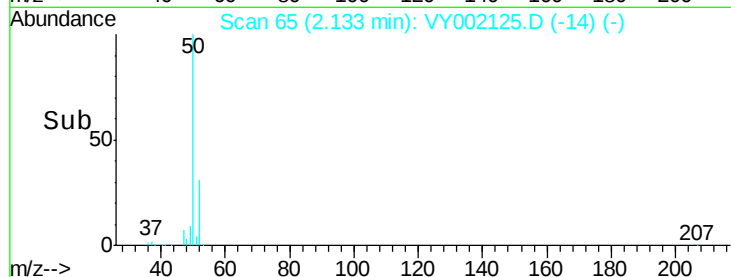
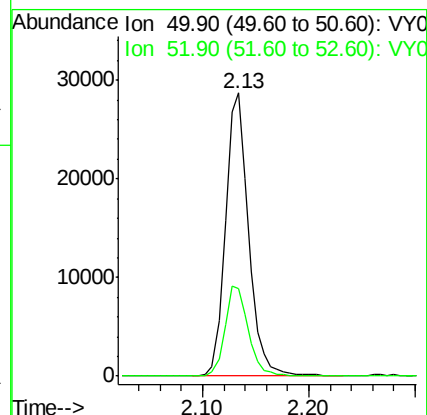
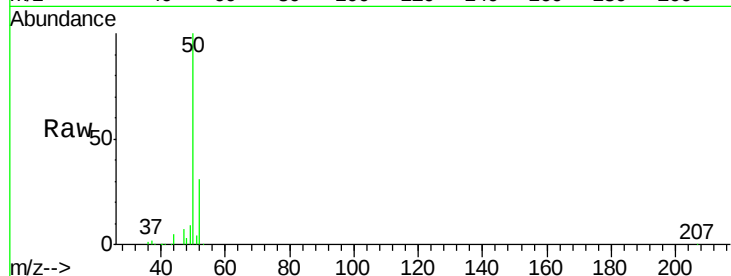
VY0331SBS01

Tgt Ion: 50 Resp: 43379

Ion Ratio Lower Upper

50 100

52 31.0 26.1 39.1



#4

Vinyl Chloride

Concen: 22.20 ug/l

RT: 2.27 min Scan# 87

Delta R.T. 0.01 min

Lab File: VY002125.D

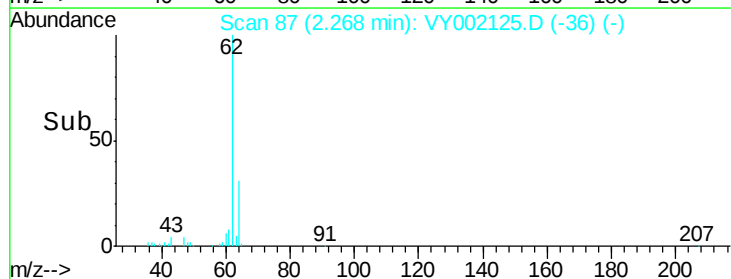
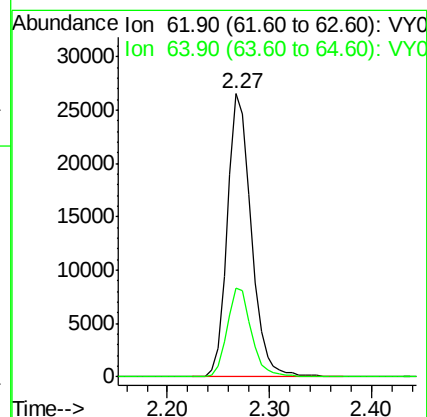
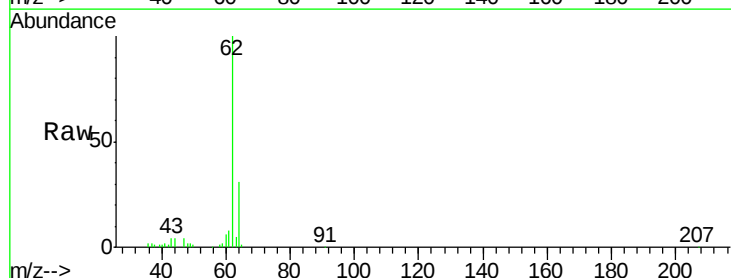
Acq: 31 Mar 2020 12:16

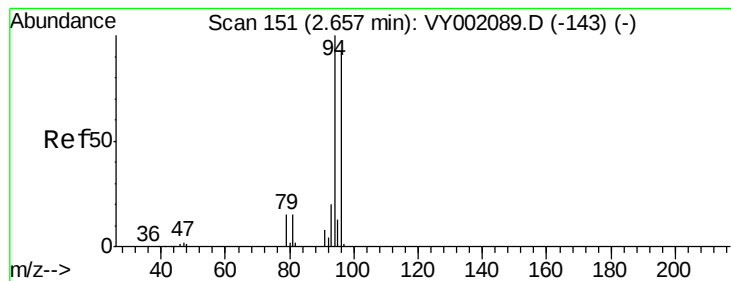
Tgt Ion: 62 Resp: 43239

Ion Ratio Lower Upper

62 100

64 31.2 25.2 37.8





#5

Bromomethane

Concen: 22.41 ug/l

RT: 2.66 min Scan# 152

Delta R.T. 0.01 min

Lab File: VY002125.D

Acq: 31 Mar 2020 12:16

Instrument :

MSVOA_Y

ClientSampleId :

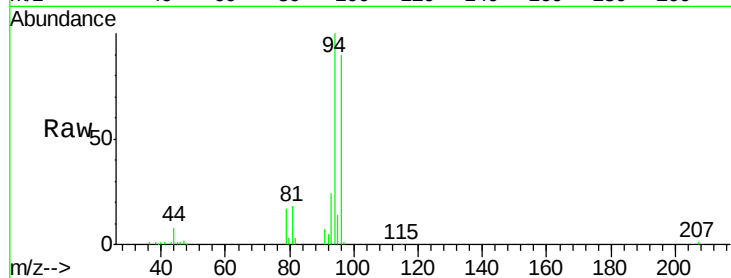
VY0331SBS01

Tgt Ion: 94 Resp: 28482

Ion Ratio Lower Upper

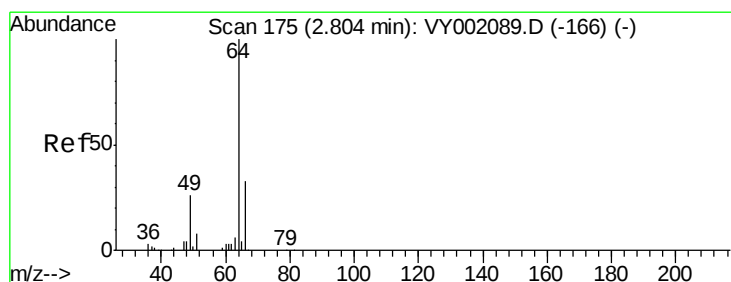
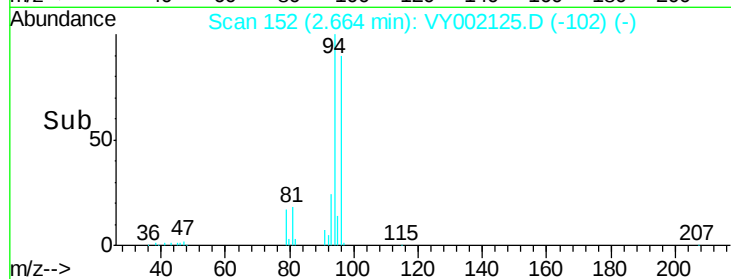
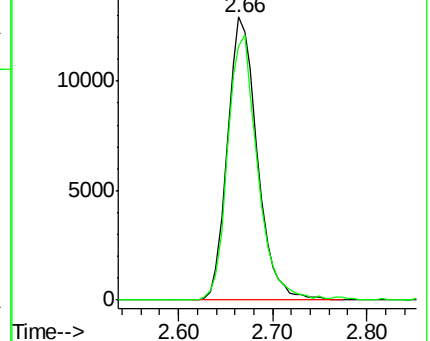
94 100

96 89.7 74.1 111.1



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 21.61 ug/l

RT: 2.82 min Scan# 177

Delta R.T. 0.01 min

Lab File: VY002125.D

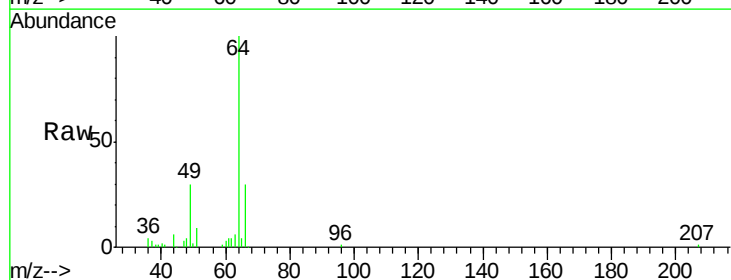
Acq: 31 Mar 2020 12:16

Tgt Ion: 64 Resp: 27023

Ion Ratio Lower Upper

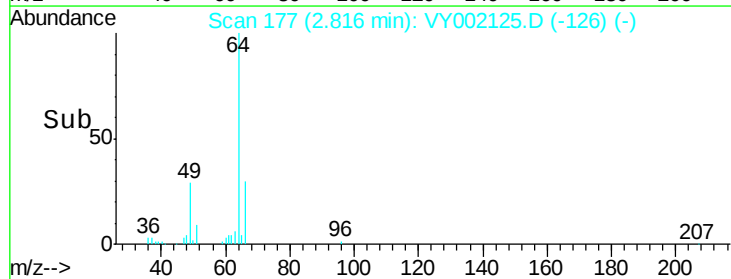
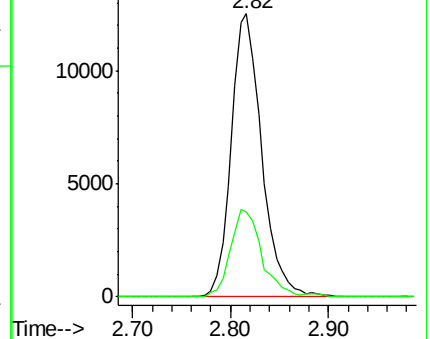
64 100

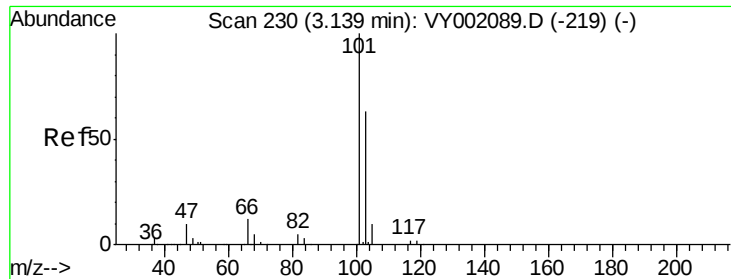
66 30.1 26.6 39.8



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0



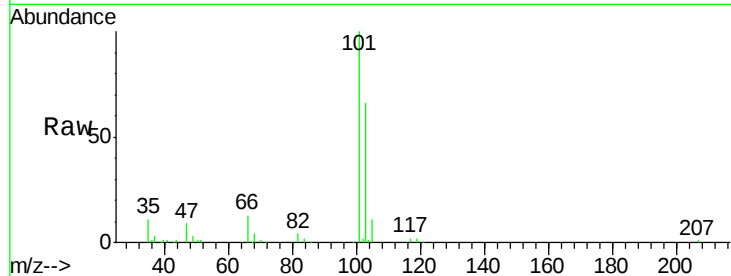


#7

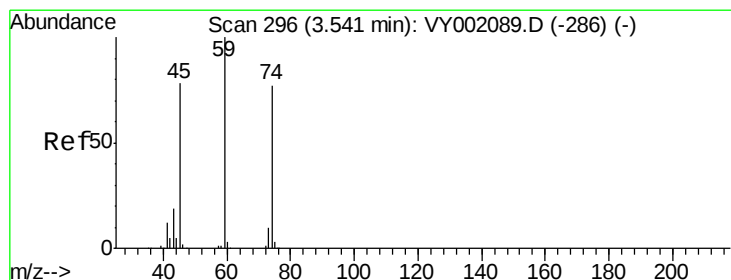
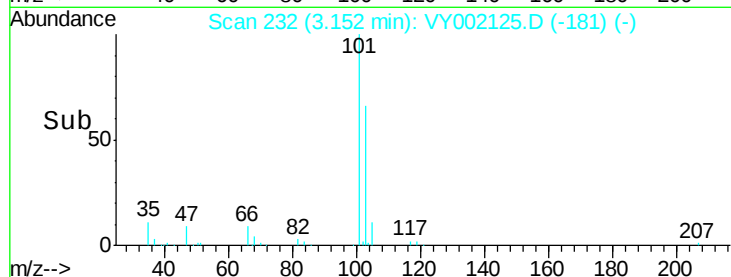
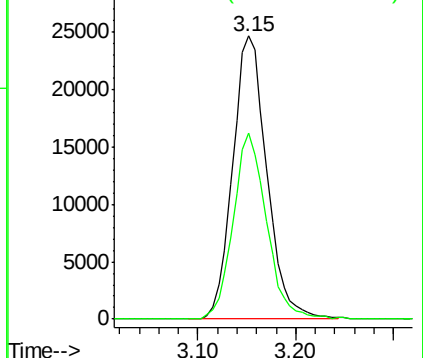
Trichlorofluoromethane
Concen: 22.40 ug/l
RT: 3.15 min Scan# 232
Delta R.T. 0.01 min
Lab File: VY002125.D
Acq: 31 Mar 2020 12:16

Instrument :
MSVOA_Y
ClientSampleId :
VY0331SBS01

Tgt Ion:101 Resp: 59801
Ion Ratio Lower Upper
101 100
103 65.5 50.6 76.0



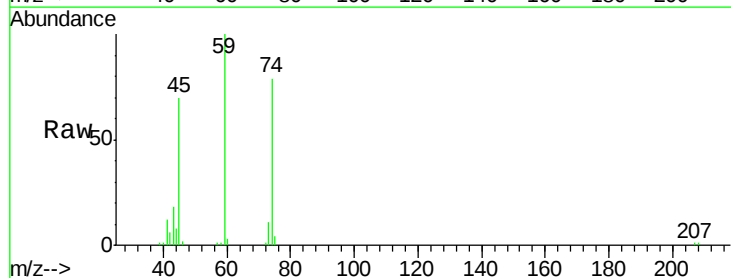
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



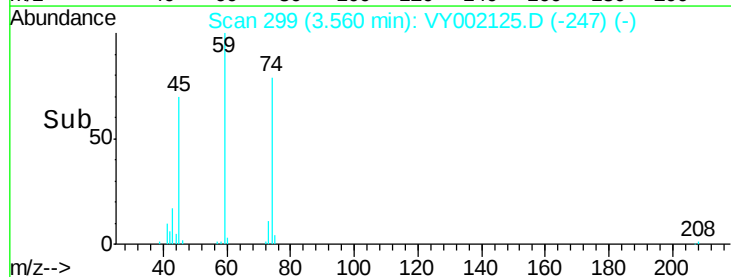
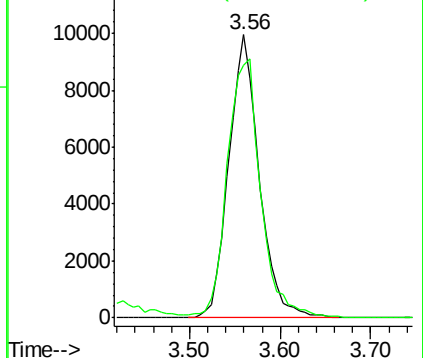
#8

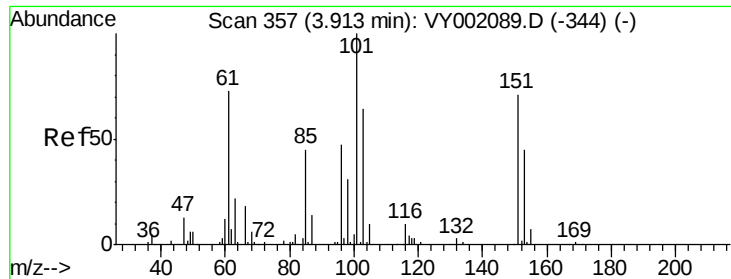
Diethyl Ether
Concen: 20.52 ug/l
RT: 3.56 min Scan# 299
Delta R.T. 0.02 min
Lab File: VY002125.D
Acq: 31 Mar 2020 12:16

Tgt Ion: 74 Resp: 23194
Ion Ratio Lower Upper
74 100
45 100.5 51.0 153.0



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





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.77 ug/l

RT: 3.93 min Scan# 360

Delta R.T. 0.02 min

Lab File: VY002125.D

Acq: 31 Mar 2020 12:16

Instrument :

MSVOA_Y

ClientSampleId :

VY0331SBS01

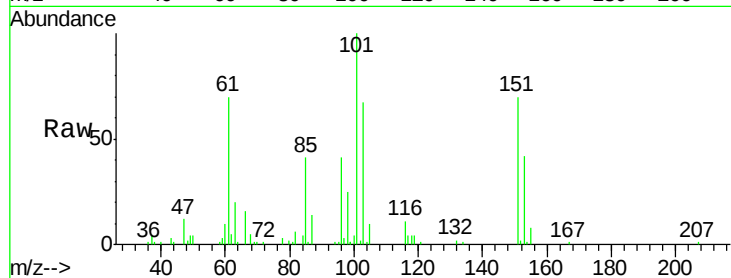
Tgt Ion:101 Resp: 38116

Ion Ratio Lower Upper

101 100

85 44.4 35.9 53.9

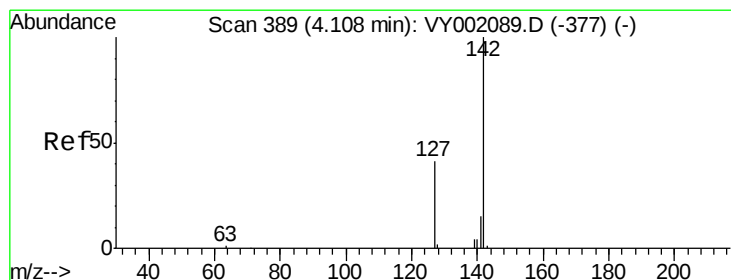
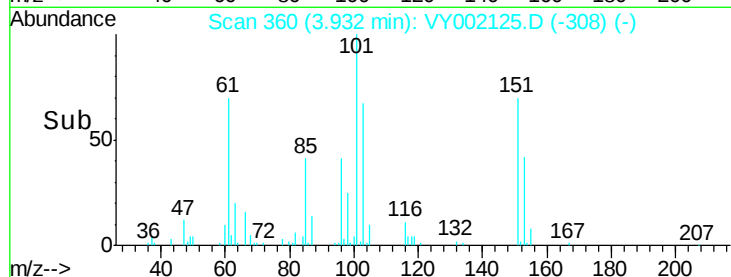
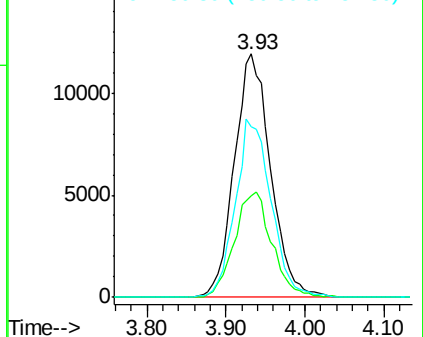
151 72.1 57.5 86.3



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: 20.34 ug/l

RT: 4.13 min Scan# 392

Delta R.T. 0.02 min

Lab File: VY002125.D

Acq: 31 Mar 2020 12:16

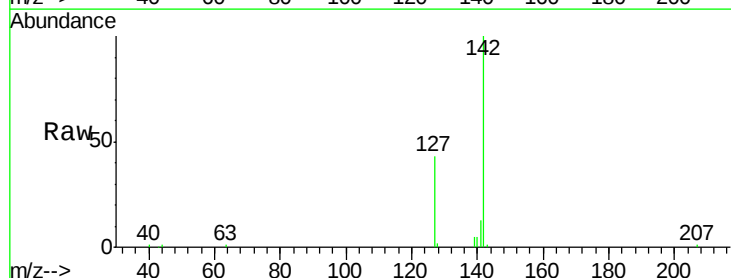
Tgt Ion:142 Resp: 42360

Ion Ratio Lower Upper

142 100

127 41.7 32.6 49.0

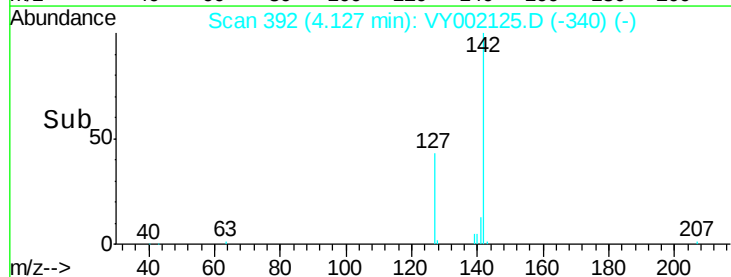
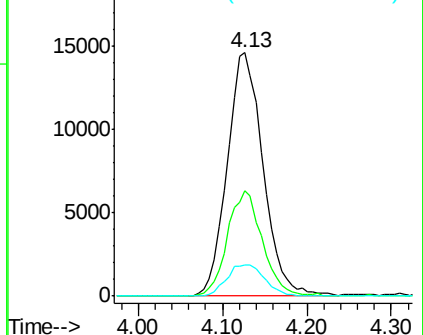
141 13.8 11.4 17.0

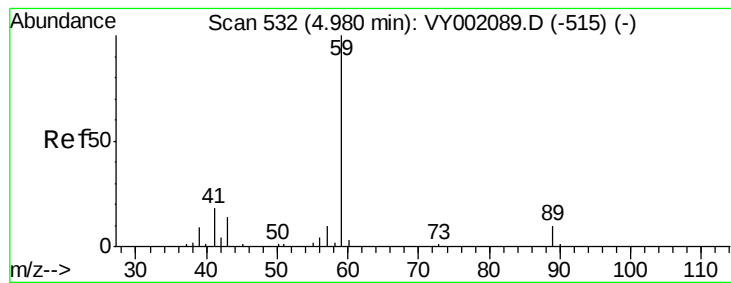


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



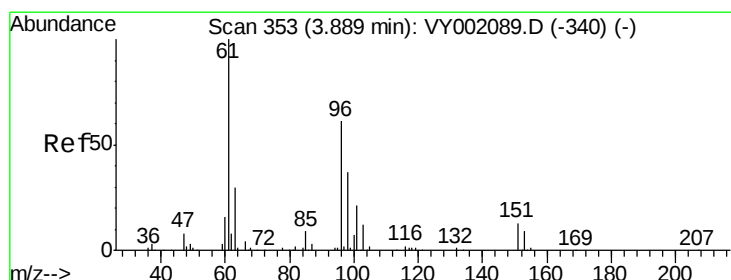
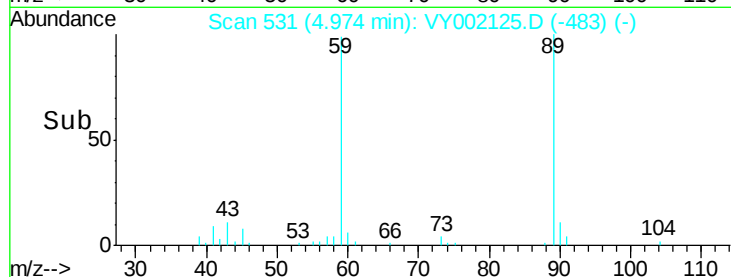
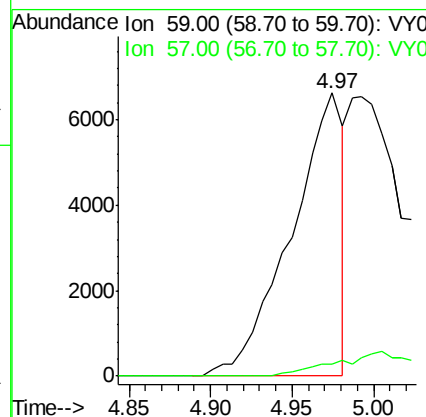
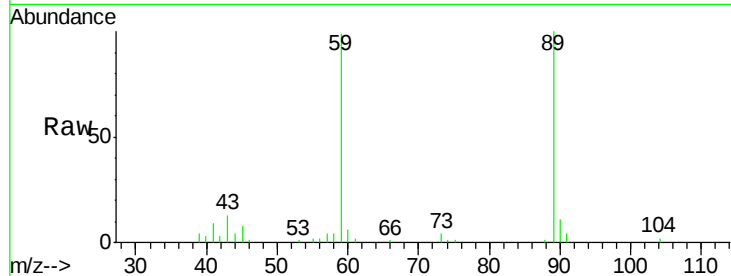


#11

Tert butyl alcohol
Concen: 68.79 ug/l
RT: 4.97 min Scan# 531
Delta R.T. -0.01 min
Lab File: VY002125.D
Acq: 31 Mar 2020 12:16

Instrument :
MSVOA_Y
ClientSampleId :
VY0331SBS01

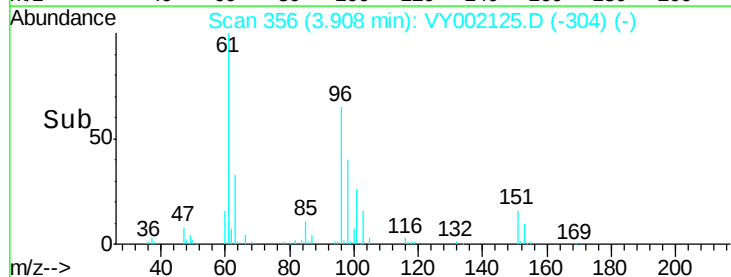
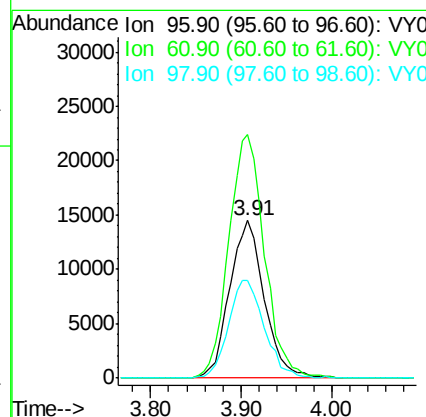
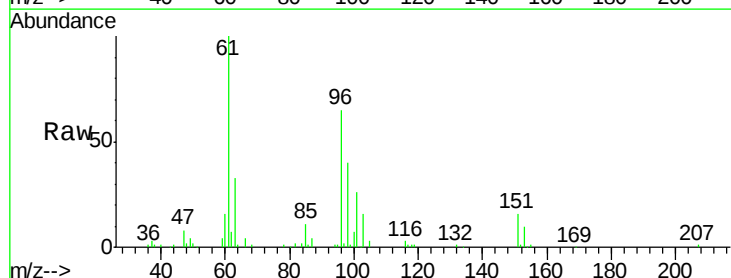
Tgt Ion: 59 Resp: 14686
Ion Ratio Lower Upper
59 100
57 0.0 7.7 11.5#

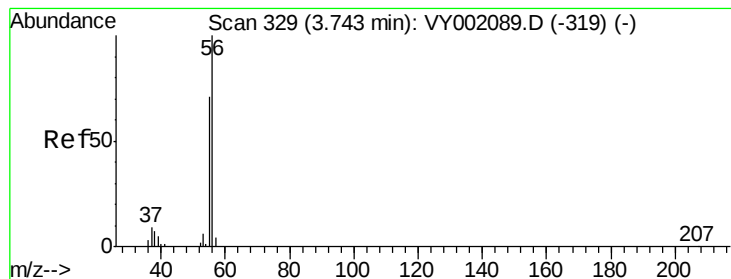


#12

1,1-Dichloroethene
Concen: 21.62 ug/l
RT: 3.91 min Scan# 356
Delta R.T. 0.02 min
Lab File: VY002125.D
Acq: 31 Mar 2020 12:16

Tgt Ion: 96 Resp: 38438
Ion Ratio Lower Upper
96 100
61 154.6 132.0 198.0
98 61.8 49.4 74.0





#13

Acrolein

Concen: 84.86 ug/l

RT: 3.76 min Scan# 332

Delta R.T. 0.02 min

Lab File: VY002125.D

Acq: 31 Mar 2020 12:16

Instrument :

MSVOA_Y

ClientSampleId :

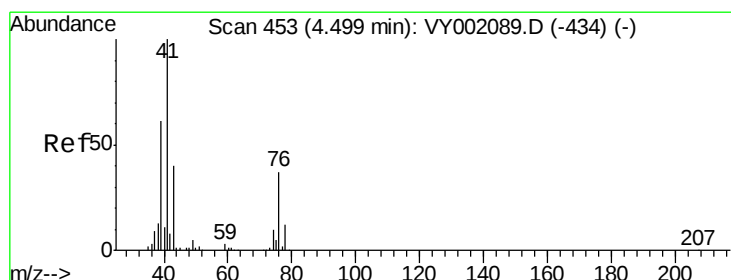
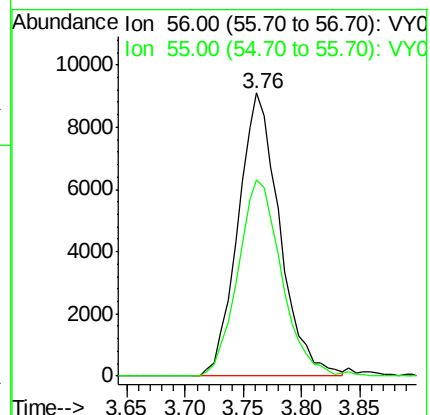
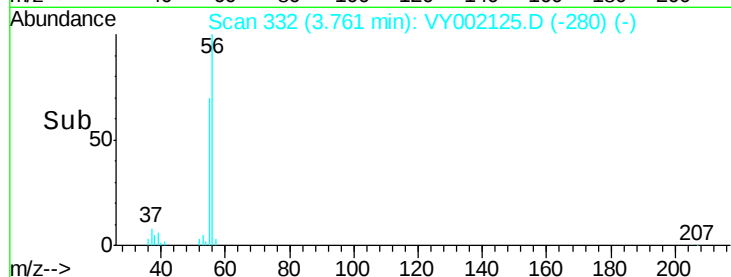
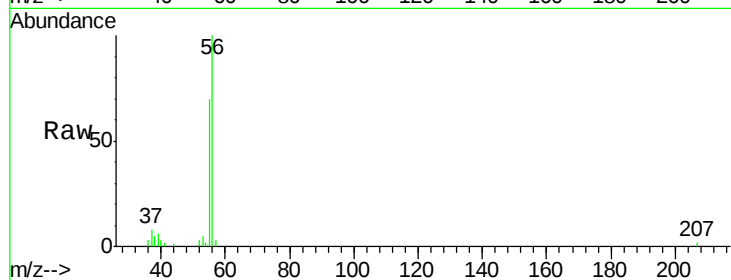
VY0331SBSD01

Tgt Ion: 56 Resp: 22644

Ion Ratio Lower Upper

56 100

55 72.5 56.5 84.7



#14

Allyl chloride

Concen: 20.79 ug/l

RT: 4.52 min Scan# 456

Delta R.T. 0.02 min

Lab File: VY002125.D

Acq: 31 Mar 2020 12:16

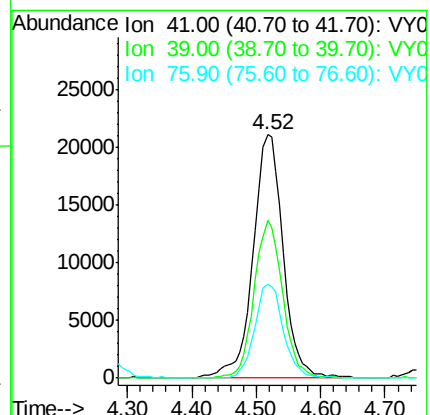
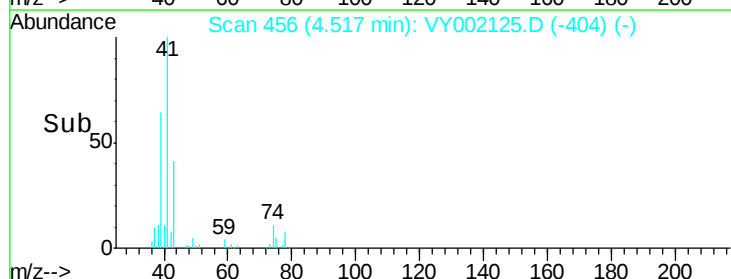
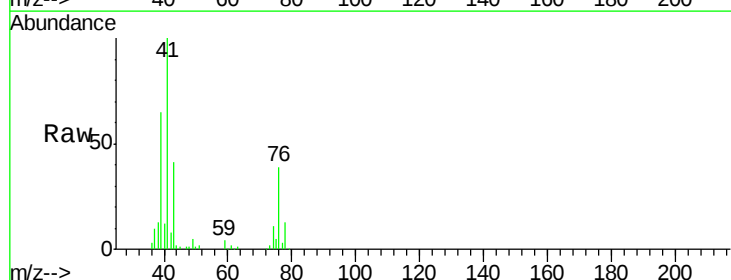
Tgt Ion: 41 Resp: 67693

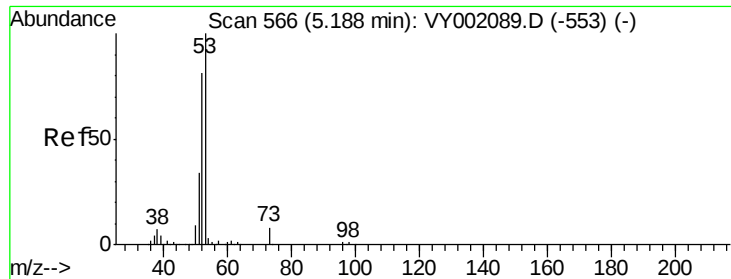
Ion Ratio Lower Upper

41 100

39 61.5 49.0 73.4

76 36.5 27.8 41.8





#15

Acrylonitrile

Concen: 99.92 ug/l

RT: 5.21 min Scan# 569

Delta R.T. 0.02 min

Lab File: VY002125.D

Acq: 31 Mar 2020 12:16

Instrument :

MSVOA_Y

ClientSampleId :

VY0331SBS01

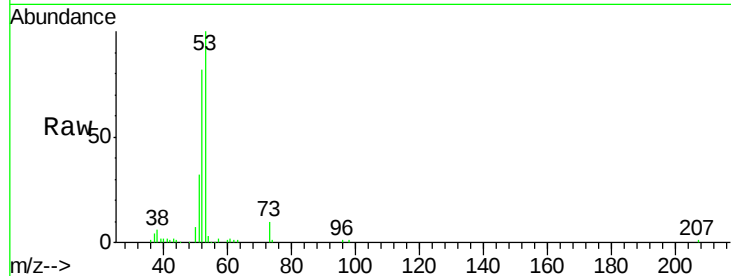
Tgt Ion: 53 Resp: 59209

Ion Ratio Lower Upper

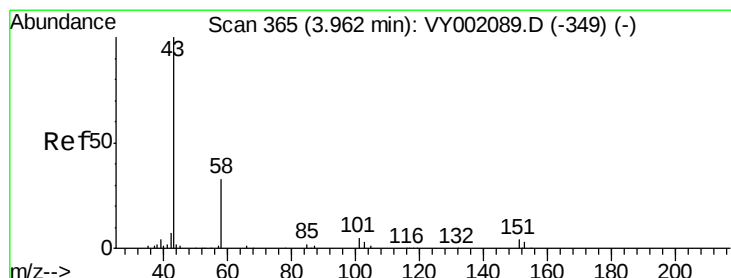
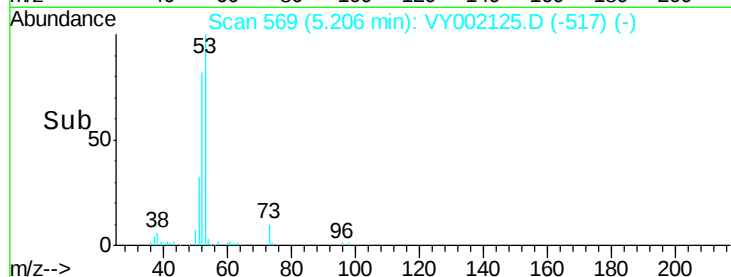
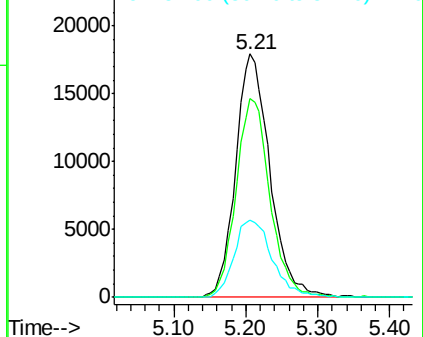
53 100

52 80.6 64.6 97.0

51 35.2 27.9 41.9



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: 94.84 ug/l

RT: 3.98 min Scan# 368

Delta R.T. 0.02 min

Lab File: VY002125.D

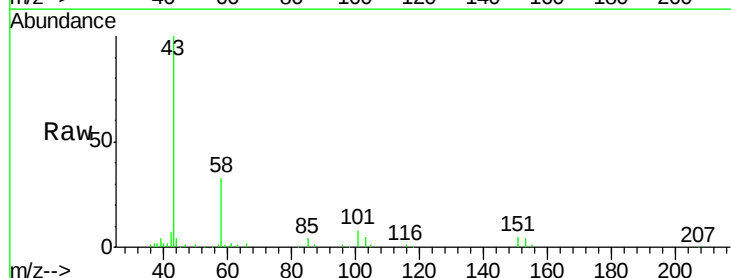
Acq: 31 Mar 2020 12:16

Tgt Ion: 43 Resp: 48272

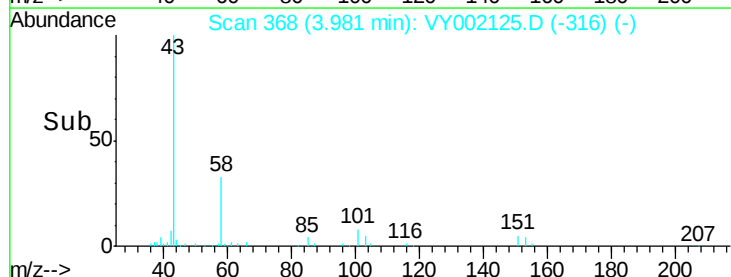
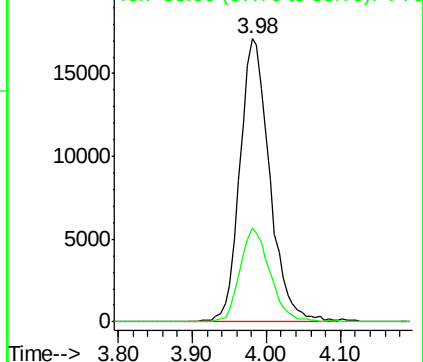
Ion Ratio Lower Upper

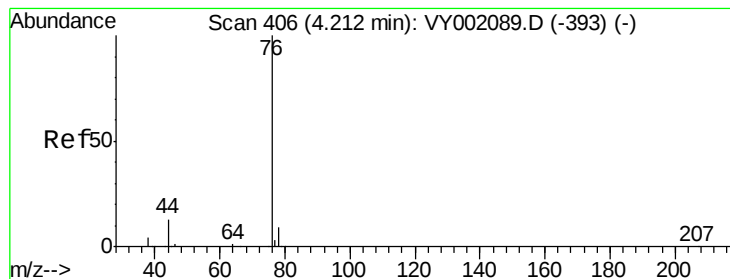
43 100

58 33.4 26.3 39.5



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





#17

Carbon Disulfide

Concen: 21.50 ug/l

RT: 4.22 min Scan# 408

Delta R.T. 0.01 min

Lab File: VY002125.D

Acq: 31 Mar 2020 12:16

Instrument :

MSVOA_Y

ClientSampleId :

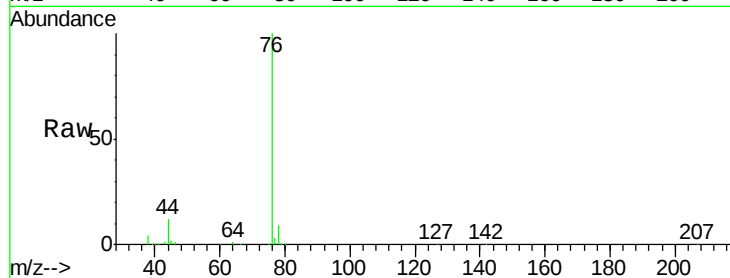
VY0331SBS01

Tgt Ion: 76 Resp: 126860

Ion Ratio Lower Upper

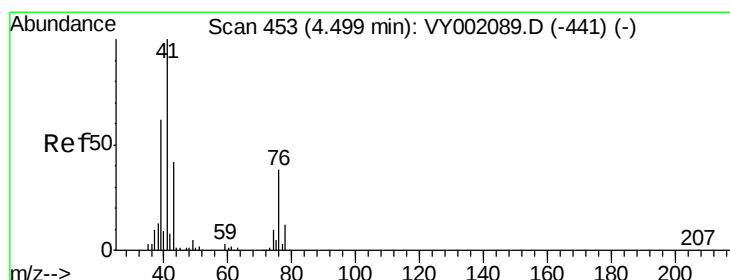
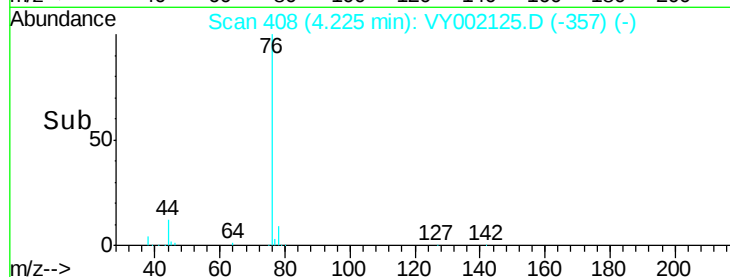
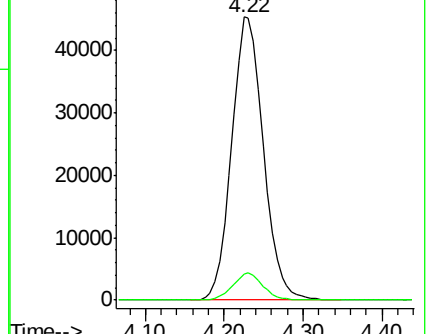
76 100

78 9.4 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#18

Methyl Acetate

Concen: 20.18 ug/l

RT: 4.51 min Scan# 455

Delta R.T. 0.01 min

Lab File: VY002125.D

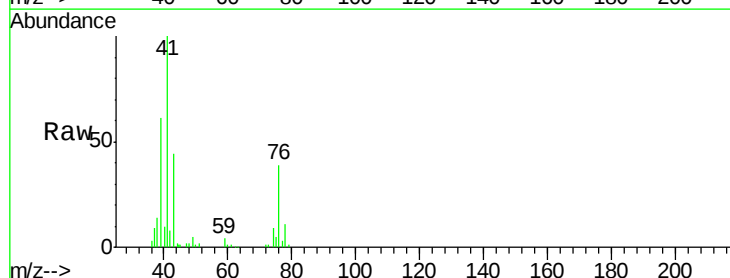
Acq: 31 Mar 2020 12:16

Tgt Ion: 43 Resp: 26676

Ion Ratio Lower Upper

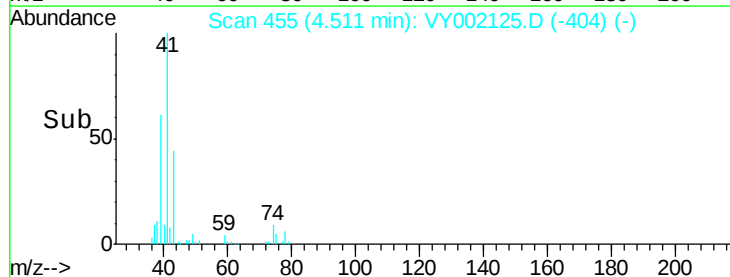
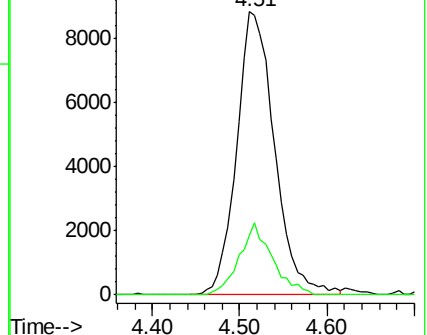
43 100

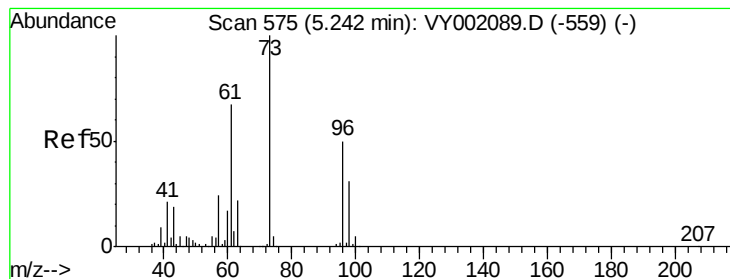
74 22.0 18.3 27.5



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 74.00 (73.70 to 74.70): VY0





#19

Methyl tert-butyl Ether

Concen: 20.44 ug/l

RT: 5.26 min Scan# 578

Delta R.T. 0.02 min

Lab File: VY002125.D

Acq: 31 Mar 2020 12:16

Instrument :

MSVOA_Y

ClientSampleId :

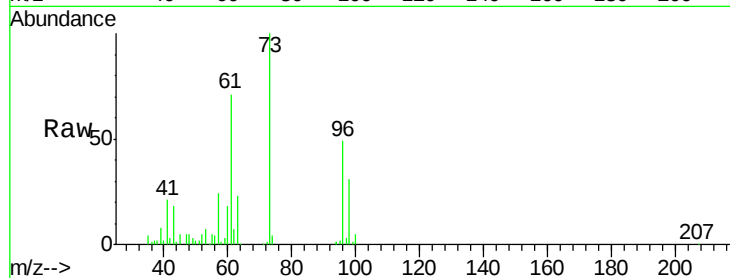
VY0331SBS01

Tgt Ion: 73 Resp: 101386

Ion Ratio Lower Upper

73 100

57 24.0 19.0 28.6



Abundance Ion 73.00 (72.70 to 73.70): VY0

Ion 57.00 (56.70 to 57.70): VY0

5.26

30000

25000

20000

15000

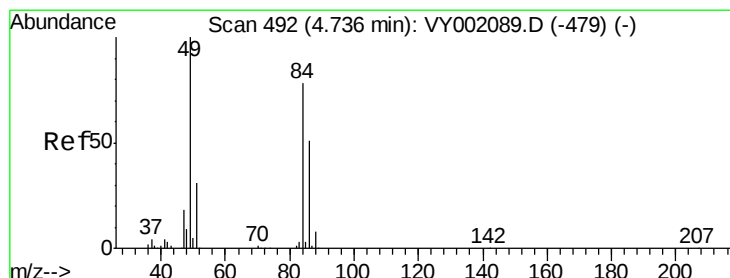
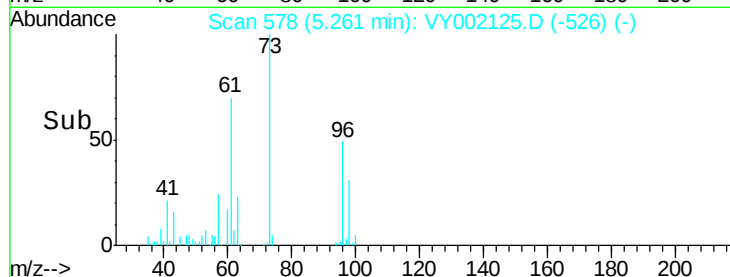
10000

5000

0

Time-->

5.10 5.20 5.30 5.40



#20

Methylene Chloride

Concen: 18.27 ug/l

RT: 4.75 min Scan# 495

Delta R.T. 0.02 min

Lab File: VY002125.D

Acq: 31 Mar 2020 12:16

Tgt Ion: 84 Resp: 45356

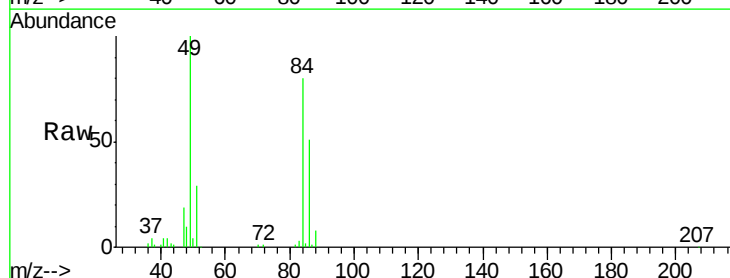
Ion Ratio Lower Upper

84 100

49 124.7 102.2 153.4

51 36.3 31.2 46.8

86 63.9 52.6 78.8



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

25000

20000

15000

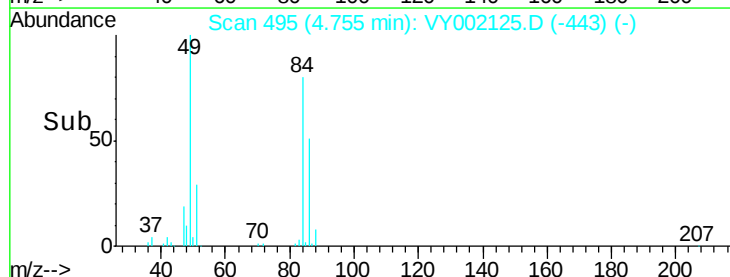
10000

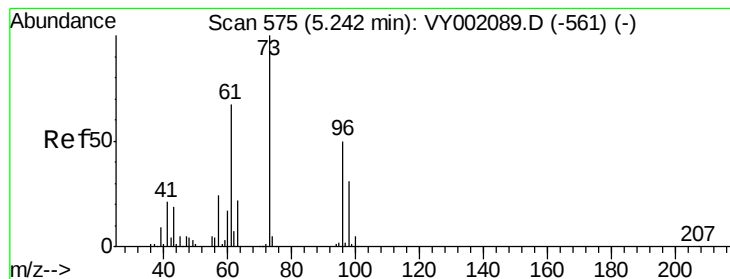
5000

0

Time-->

4.70 4.80





#21

trans-1,2-Dichloroethene

Concen: 21.25 ug/l

RT: 5.25 min Scan# 577

Delta R.T. 0.01 min

Lab File: VY002125.D

Acq: 31 Mar 2020 12:16

Instrument :

MSVOA_Y

ClientSampleId :

VY0331SBS01

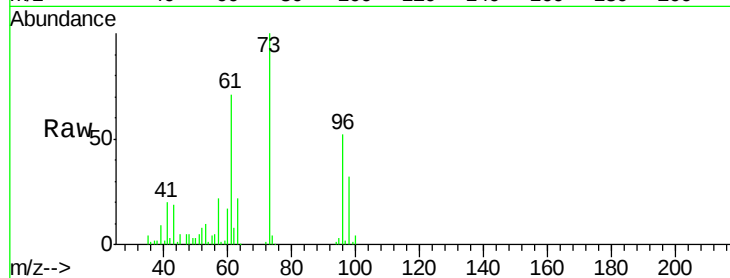
Tgt Ion: 96 Resp: 43027

Ion Ratio Lower Upper

96 100

61 137.2 107.7 161.5

98 61.4 50.5 75.7

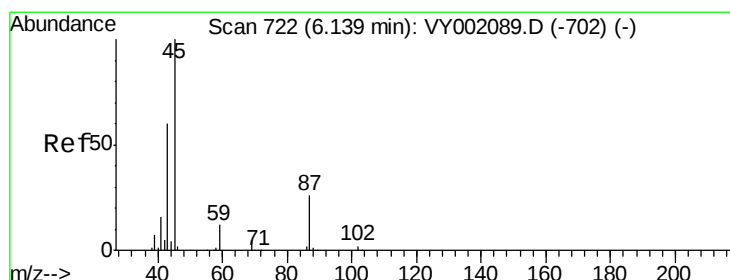
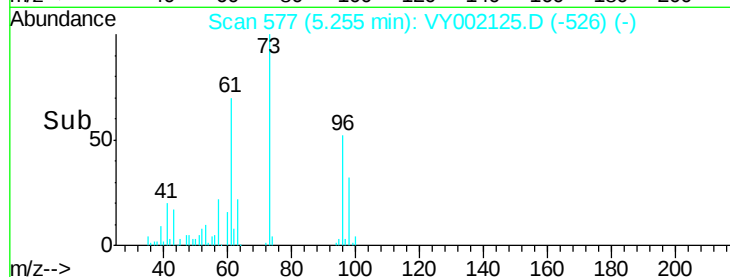
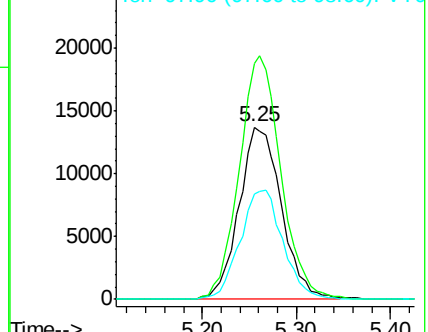


Abundance

Ion 95.90 (95.60 to 96.60): VY0

Ion 60.90 (60.60 to 61.60): VY0

Ion 97.90 (97.60 to 98.60): VY0



#22

Diisopropyl ether

Concen: 20.85 ug/l

RT: 6.16 min Scan# 725

Delta R.T. 0.02 min

Lab File: VY002125.D

Acq: 31 Mar 2020 12:16

Tgt Ion: 45 Resp: 138911

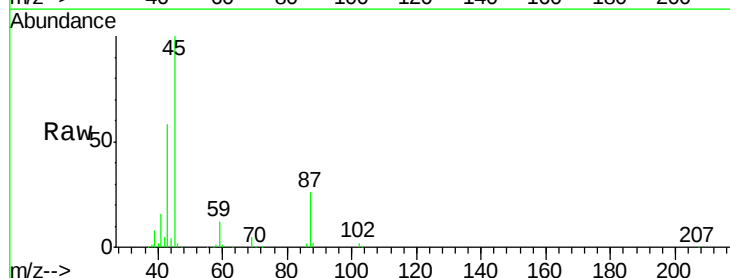
Ion Ratio Lower Upper

45 100

43 58.0 48.1 72.1

87 26.0 21.1 31.7

59 11.9 9.2 13.8



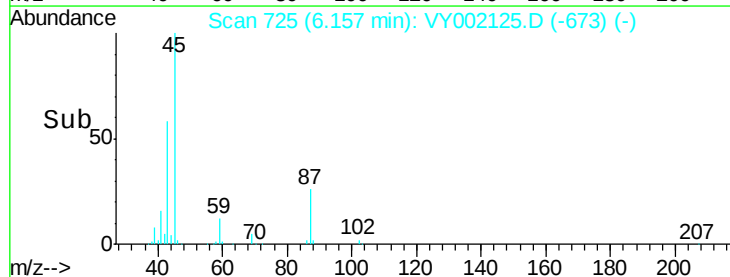
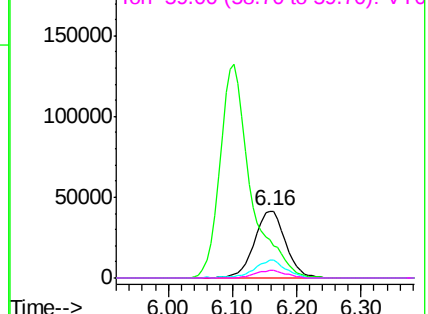
Abundance

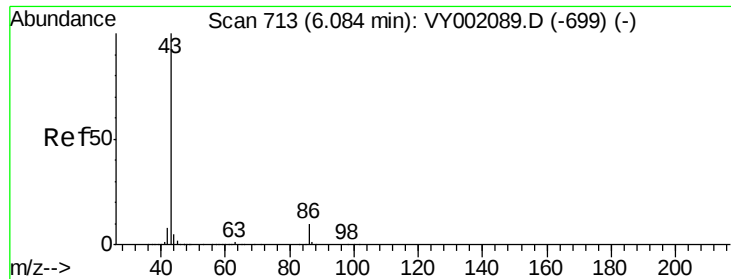
Ion 45.00 (44.70 to 45.70): VY0

Ion 43.00 (42.70 to 43.70): VY0

Ion 87.00 (86.70 to 87.70): VY0

Ion 59.00 (58.70 to 59.70): VY0

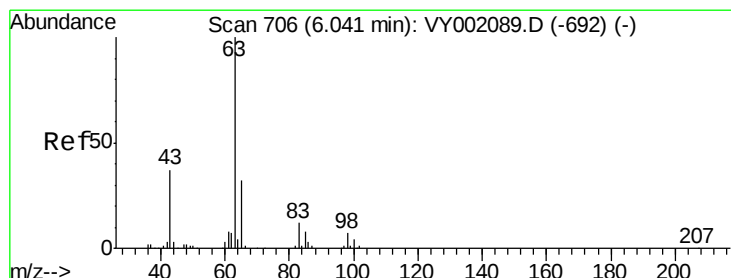
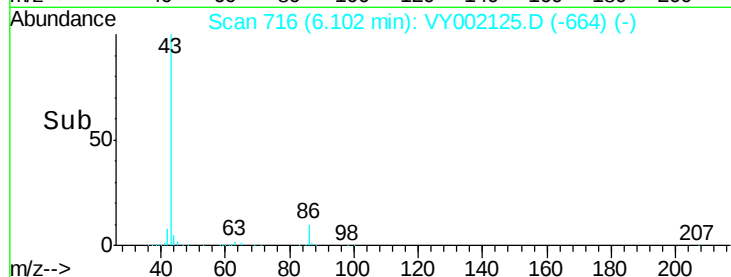
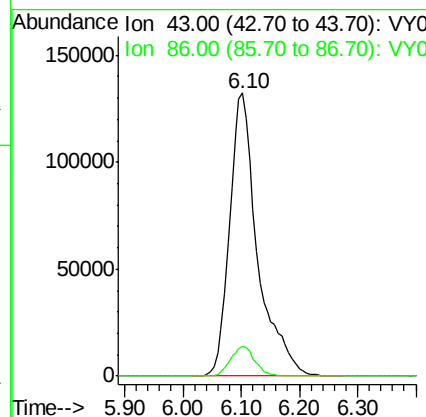
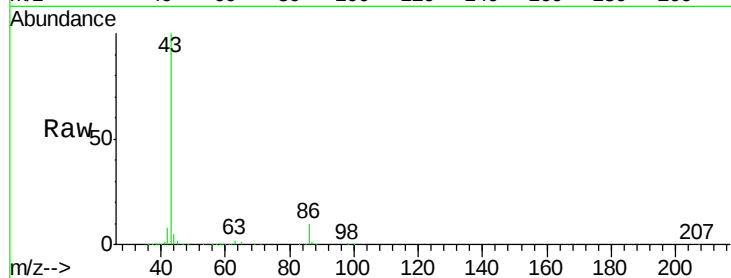




#23
 Vinyl Acetate
 Concen: 101.38 ug/l
 RT: 6.10 min Scan# 716
 Delta R.T. 0.02 min
 Lab File: VY002125.D
 Acq: 31 Mar 2020 12:16

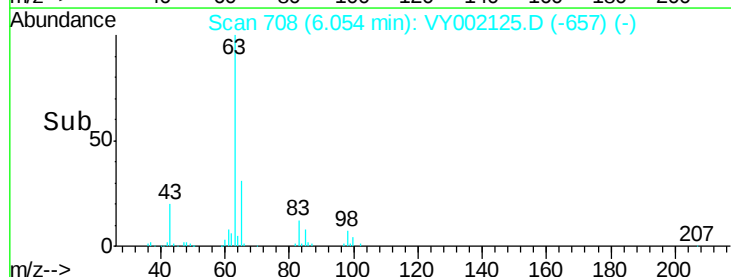
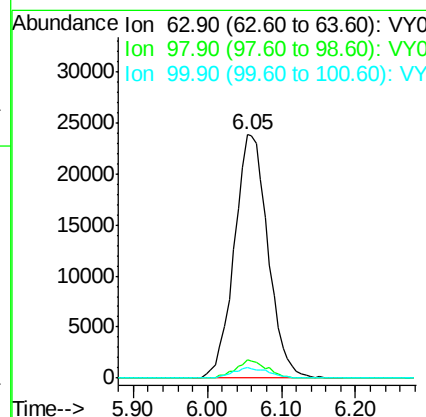
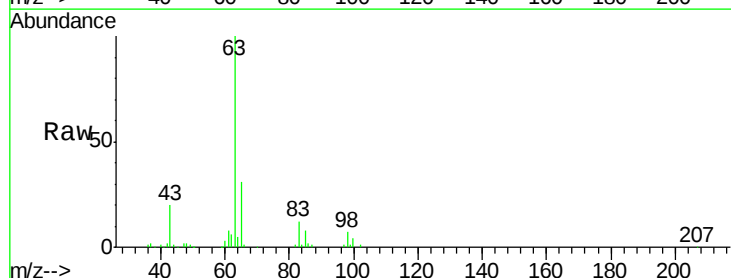
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0331SBS01

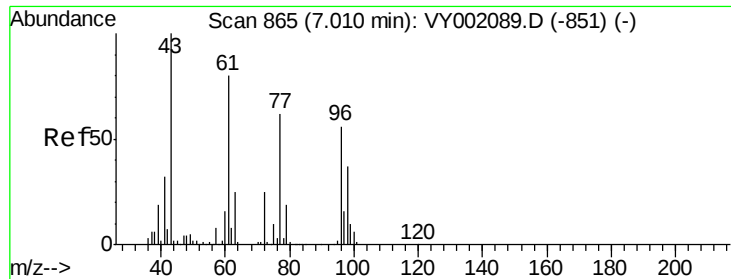
Tgt Ion: 43 Resp: 442861
 Ion Ratio Lower Upper
 43 100
 86 10.4 7.9 11.9



#24
 1,1-Dichloroethane
 Concen: 21.26 ug/l
 RT: 6.05 min Scan# 708
 Delta R.T. 0.01 min
 Lab File: VY002125.D
 Acq: 31 Mar 2020 12:16

Tgt Ion: 63 Resp: 75296
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.3 9.9
 100 4.2 1.8 5.5





#25

2-Butanone

Concen: 99.96 ug/l

RT: 7.02 min Scan# 867

Delta R.T. 0.01 min

Lab File: VY002125.D

Acq: 31 Mar 2020 12:16

Instrument :

MSVOA_Y

ClientSampleId :

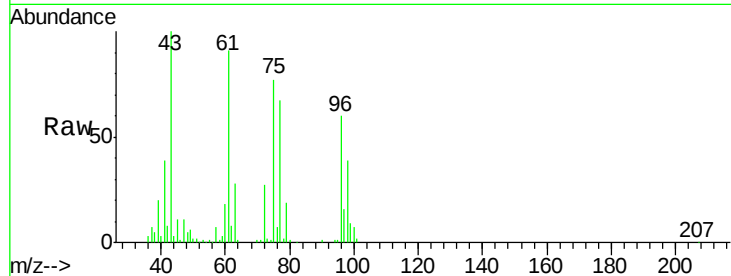
VY0331SBS01

Tgt Ion: 43 Resp: 78125

Ion Ratio Lower Upper

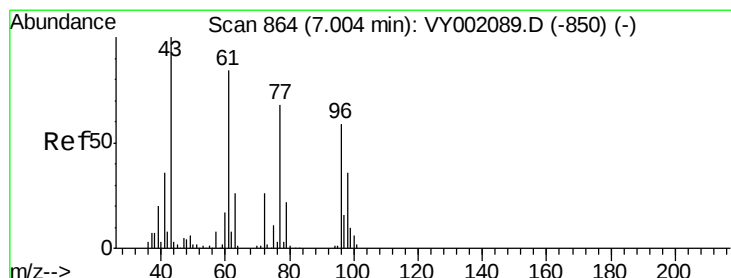
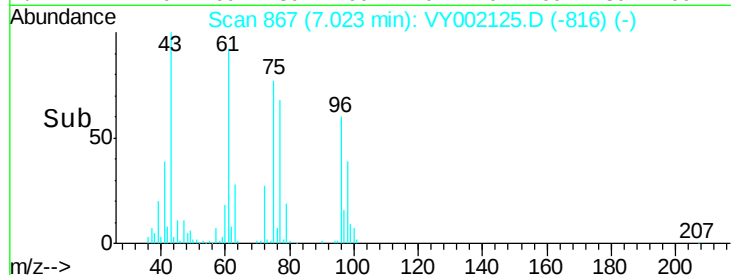
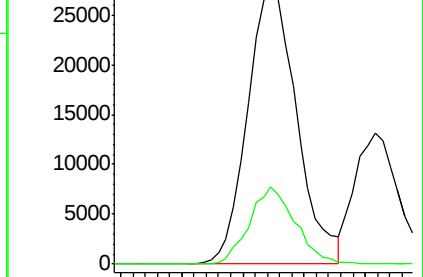
43 100

72 27.4 20.2 30.2



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 72.00 (71.70 to 72.70): VY0



#26

2,2-Dichloropropane

Concen: 21.70 ug/l

RT: 7.02 min Scan# 866

Delta R.T. 0.01 min

Lab File: VY002125.D

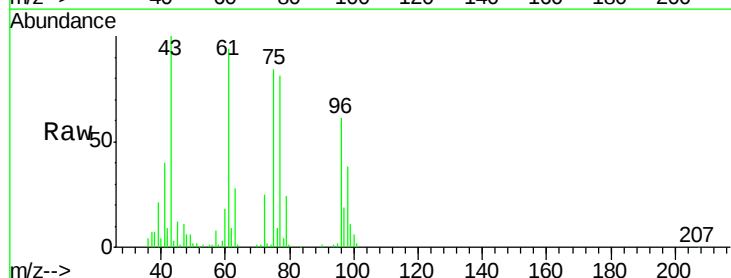
Acq: 31 Mar 2020 12:16

Tgt Ion: 77 Resp: 63295

Ion Ratio Lower Upper

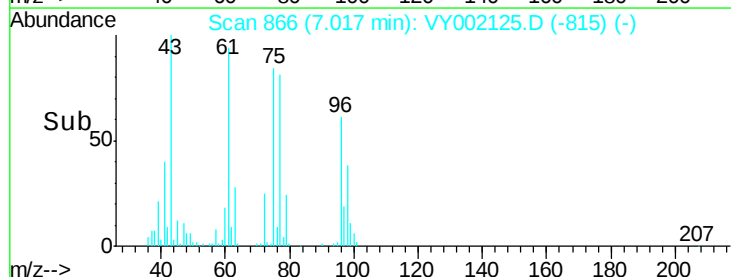
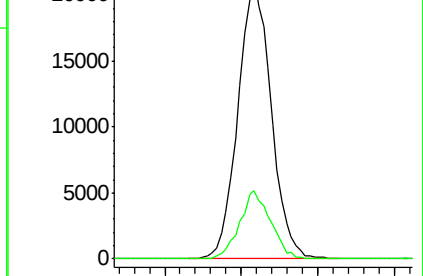
77 100

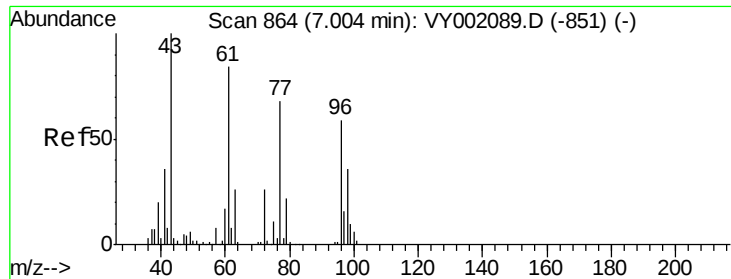
97 22.9 11.7 35.1



Abundance Ion 76.90 (76.60 to 77.60): VY0

Ion 96.90 (96.60 to 97.60): VY0

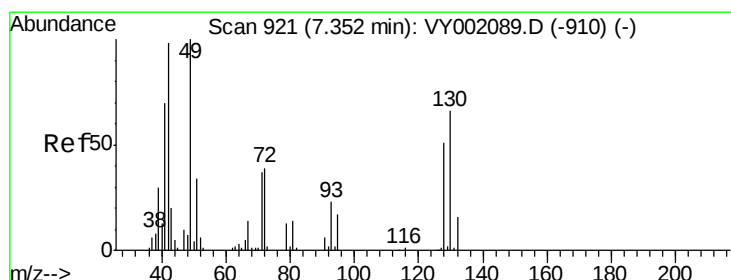
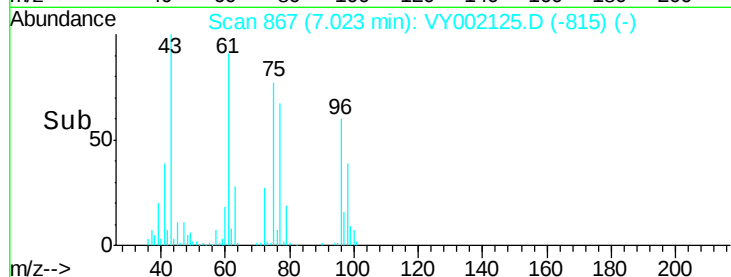
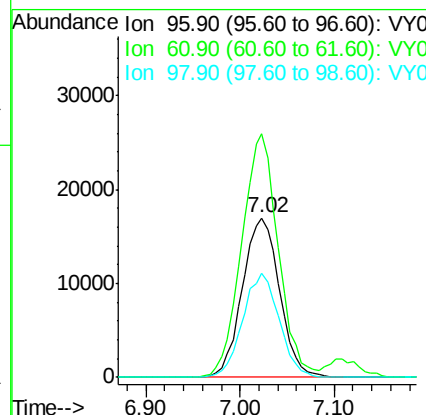
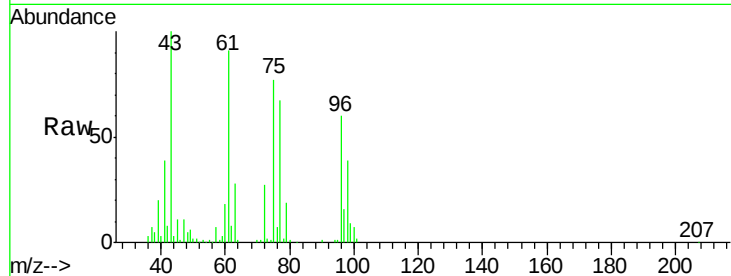




#27
 cis-1,2-Dichloroethene
 Concen: 21.05 ug/l
 RT: 7.02 min Scan# 867
 Delta R.T. 0.02 min
 Lab File: VY002125.D
 Acq: 31 Mar 2020 12:16

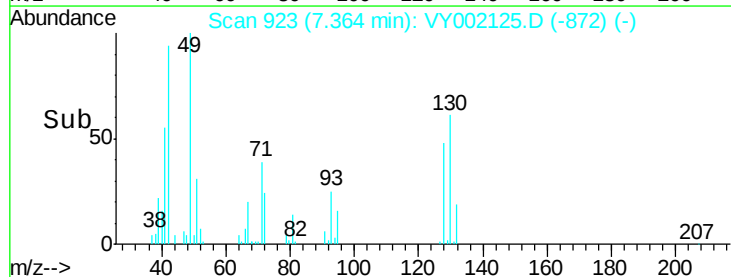
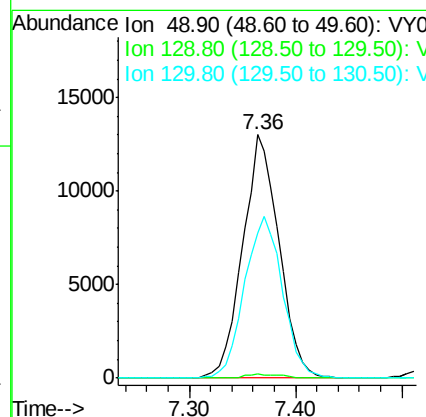
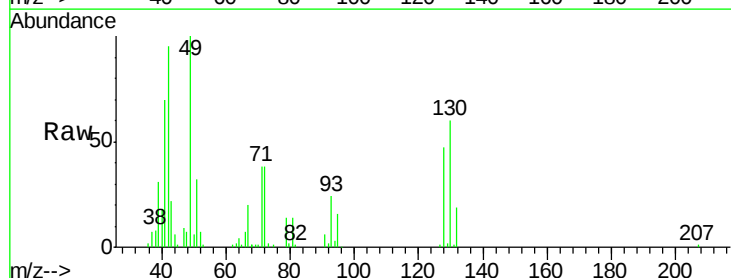
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0331SBS01

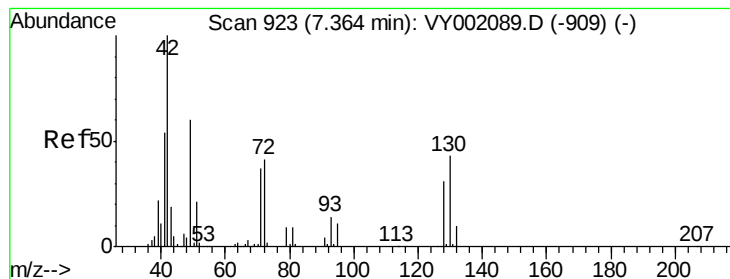
Tgt Ion: 96 Resp: 46889
 Ion Ratio Lower Upper
 96 100
 61 150.3 0.0 290.6
 98 64.1 0.0 128.0



#28
 Bromochloromethane
 Concen: 19.29 ug/l
 RT: 7.36 min Scan# 923
 Delta R.T. 0.01 min
 Lab File: VY002125.D
 Acq: 31 Mar 2020 12:16

Tgt Ion: 49 Resp: 31198
 Ion Ratio Lower Upper
 49 100
 129 1.6 0.0 3.4
 130 69.4 54.1 81.1





#29

Tetrahydrofuran

Concen: 96.91 ug/l

RT: 7.38 min Scan# 926

Delta R.T. 0.02 min

Lab File: VY002125.D

Acq: 31 Mar 2020 12:16

Instrument :

MSVOA_Y

ClientSampleId :

VY0331SBS01

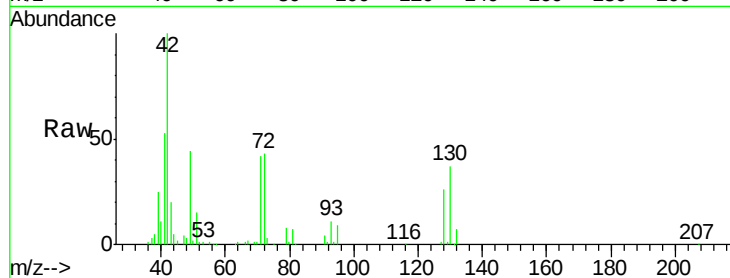
Tgt Ion: 42 Resp: 49657

Ion Ratio Lower Upper

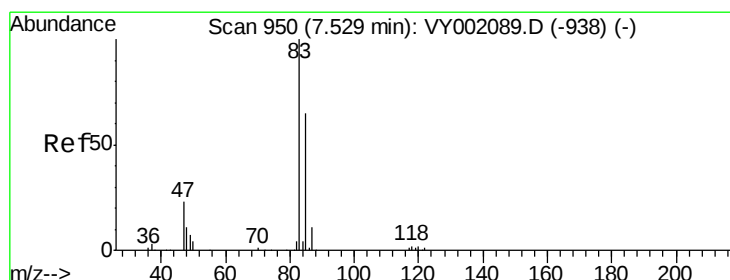
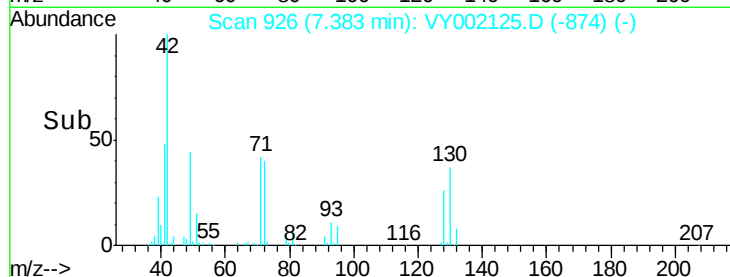
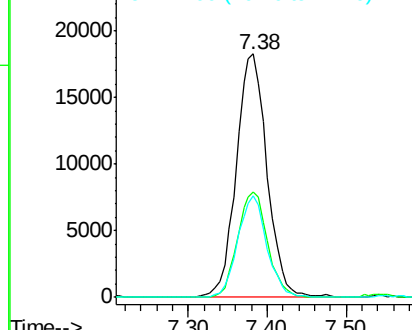
42 100

72 42.0 33.0 49.4

71 39.2 31.2 46.8



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



#30

Chloroform

Concen: 20.78 ug/l

RT: 7.54 min Scan# 952

Delta R.T. 0.01 min

Lab File: VY002125.D

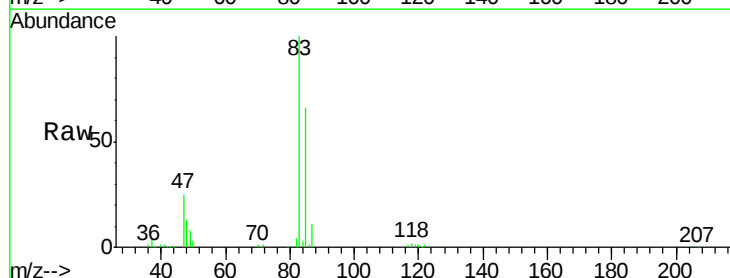
Acq: 31 Mar 2020 12:16

Tgt Ion: 83 Resp: 69782

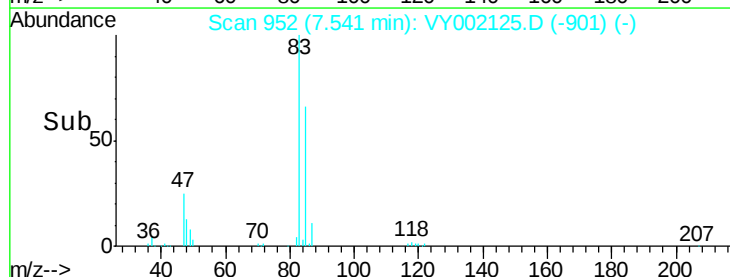
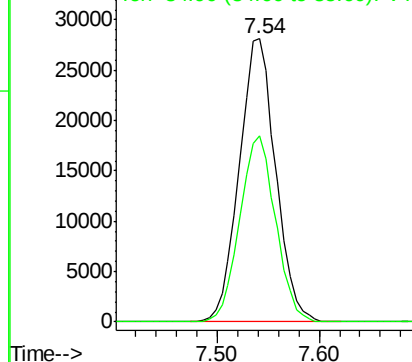
Ion Ratio Lower Upper

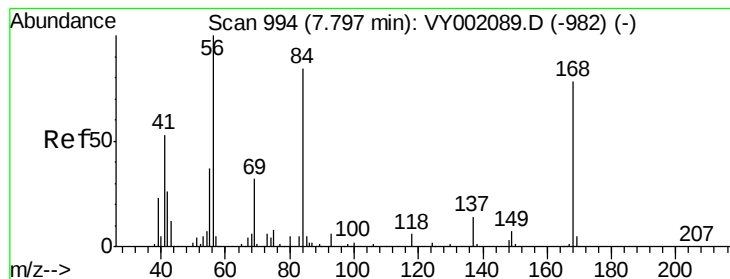
83 100

85 65.7 52.4 78.6



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





#31

Cyclohexane

Concen: 20.97 ug/l

RT: 7.82 min Scan# 997

Delta R.T. 0.02 min

Lab File: VY002125.D

Acq: 31 Mar 2020 12:16

Instrument :

MSVOA_Y

ClientSampleId :

VY0331SBSD01

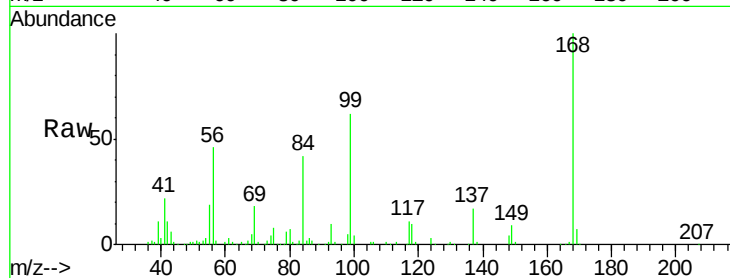
Tgt Ion: 56 Resp: 79135

Ion Ratio Lower Upper

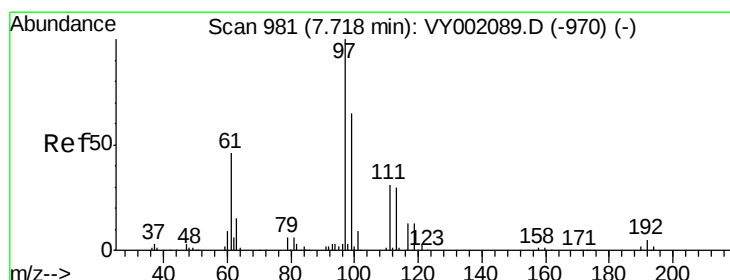
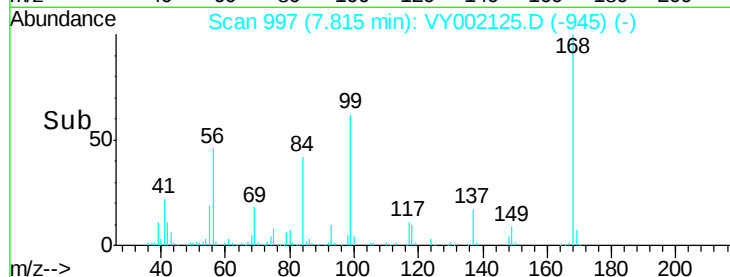
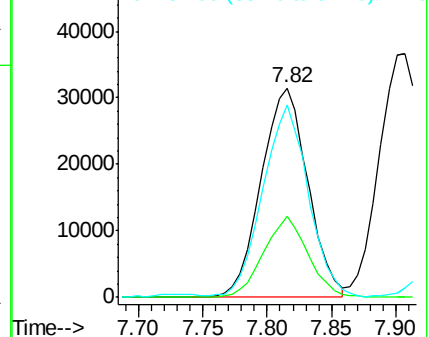
56 100

69 38.7 25.8 38.8

84 90.6 67.1 100.7



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: 21.09 ug/l

RT: 7.74 min Scan# 984

Delta R.T. 0.02 min

Lab File: VY002125.D

Acq: 31 Mar 2020 12:16

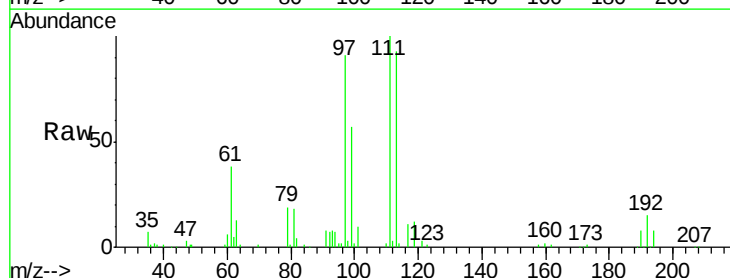
Tgt Ion: 97 Resp: 59121

Ion Ratio Lower Upper

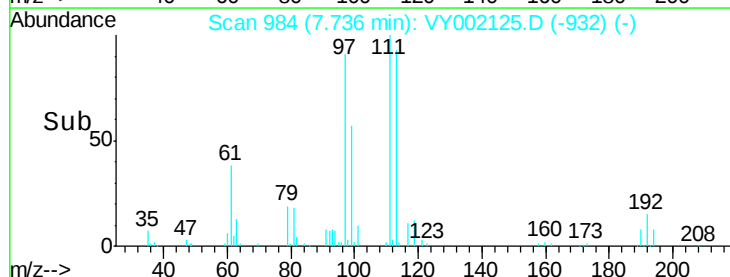
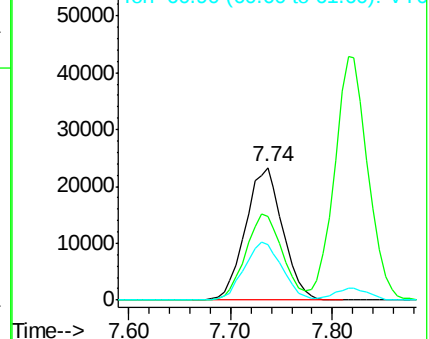
97 100

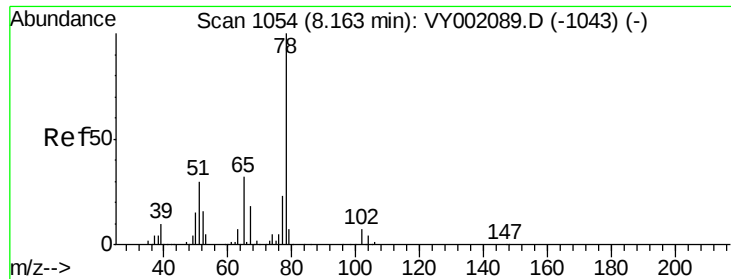
99 64.0 52.0 78.0

61 44.4 35.7 53.5



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

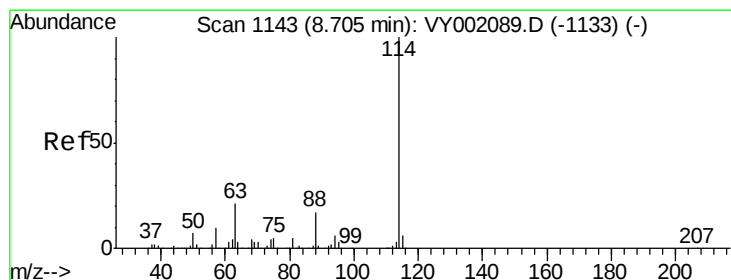
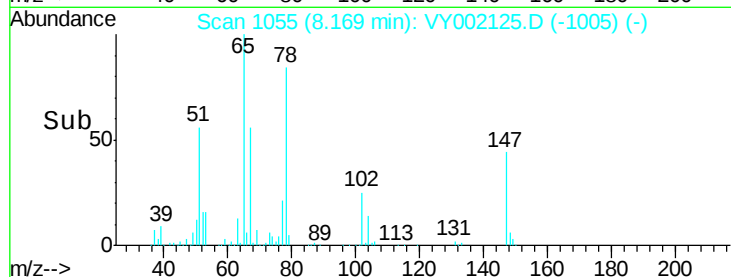
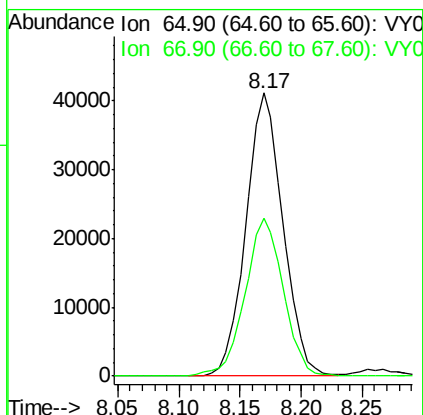
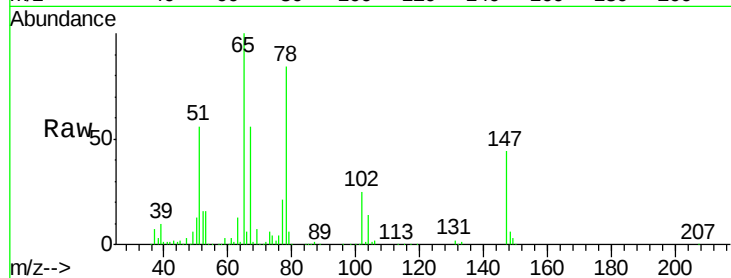




#33
 1,2-Dichloroethane-d4
 Concen: 47.94 ug/l
 RT: 8.17 min Scan# 1055
 Delta R.T. 0.01 min
 Lab File: VY002125.D
 Acq: 31 Mar 2020 12:16

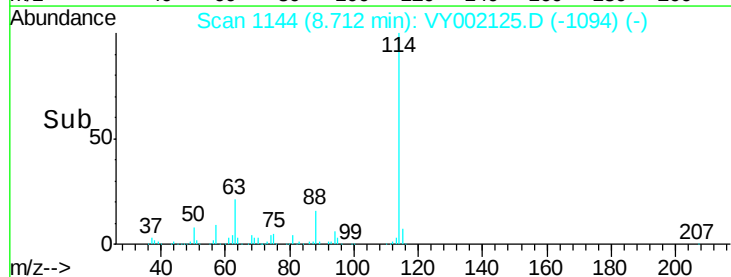
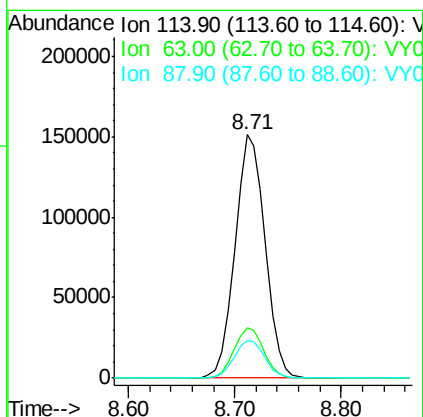
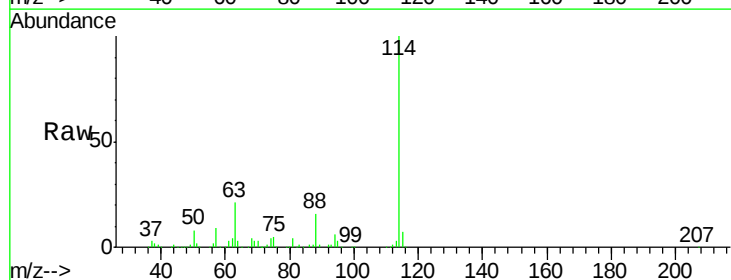
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0331SBS01

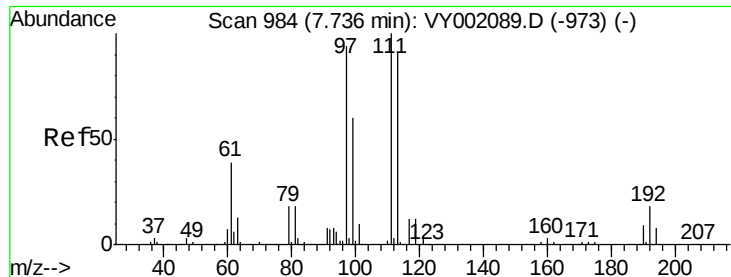
Tgt Ion: 65 Resp: 86843
 Ion Ratio Lower Upper
 65 100
 67 57.7 0.0 112.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.71 min Scan# 1144
 Delta R.T. 0.01 min
 Lab File: VY002125.D
 Acq: 31 Mar 2020 12:16

Tgt Ion: 114 Resp: 298815
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 41.4
 88 15.6 0.0 33.0

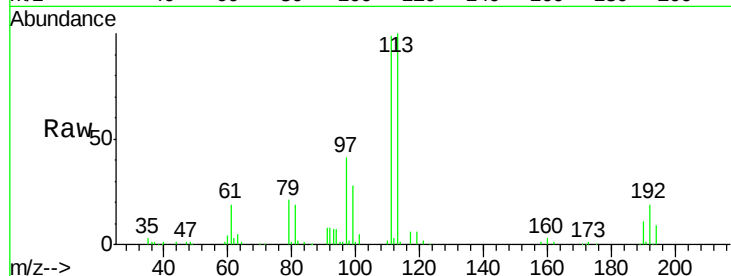




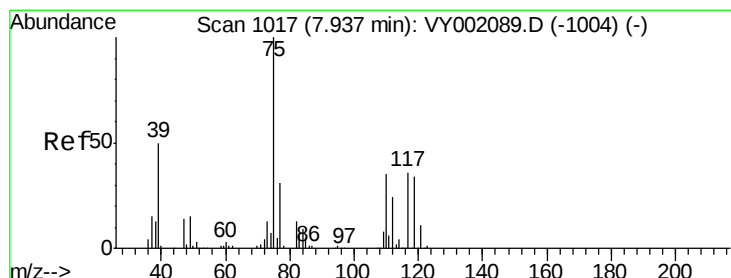
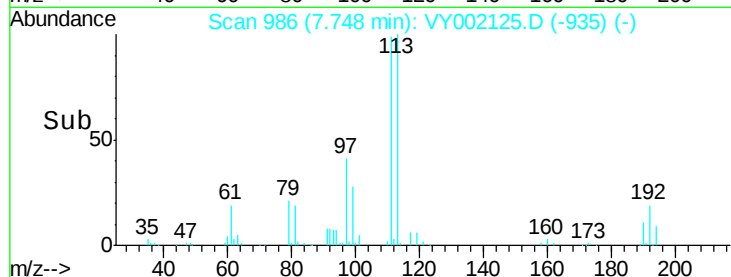
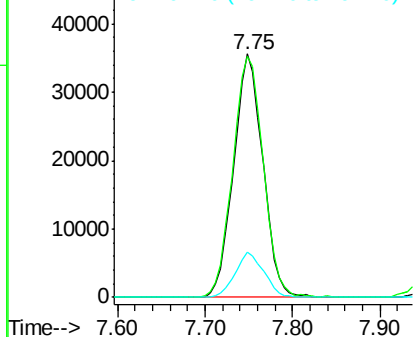
#35
 Dibromofluoromethane
 Concen: 49.44 ug/l
 RT: 7.75 min Scan# 986
 Delta R.T. 0.01 min
 Lab File: VY002125.D
 Acq: 31 Mar 2020 12:16

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0331SBS01

Tgt Ion: 113 Resp: 82776
 Ion Ratio Lower Upper
 113 100
 111 103.4 84.4 126.6
 192 18.1 14.6 21.8

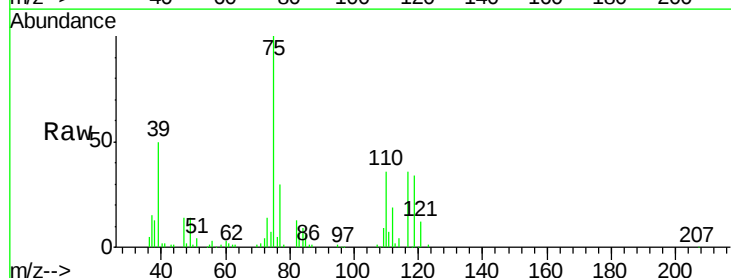


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

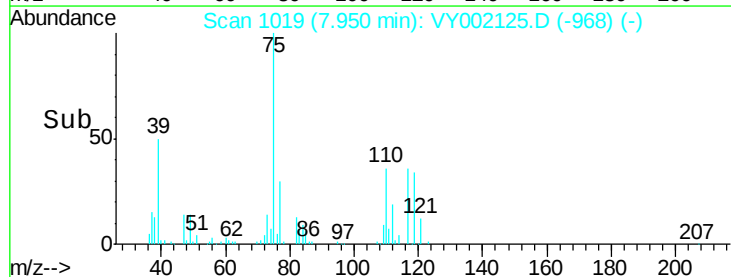
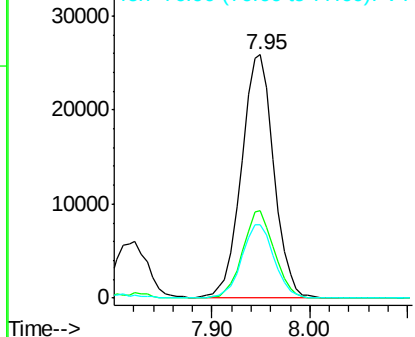


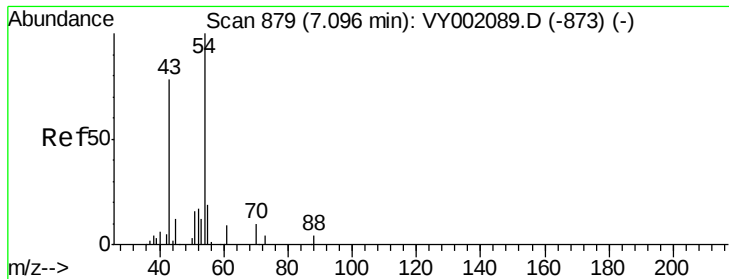
#36
 1,1-Dichloropropene
 Concen: 20.97 ug/l
 RT: 7.95 min Scan# 1019
 Delta R.T. 0.01 min
 Lab File: VY002125.D
 Acq: 31 Mar 2020 12:16

Tgt Ion: 75 Resp: 59281
 Ion Ratio Lower Upper
 75 100
 110 34.9 17.2 51.6
 77 30.2 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

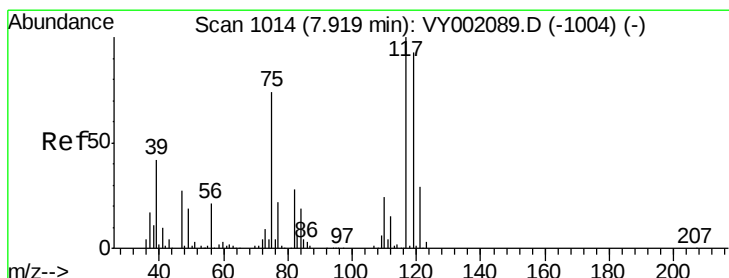
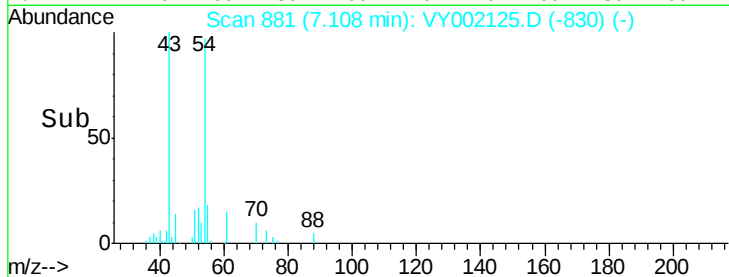
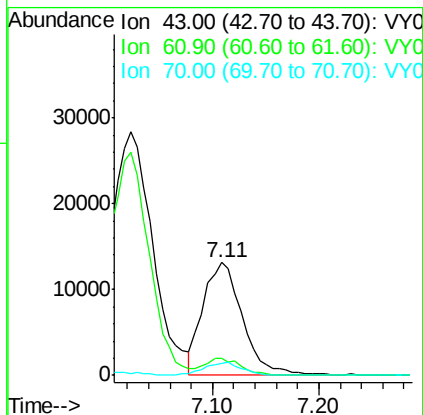
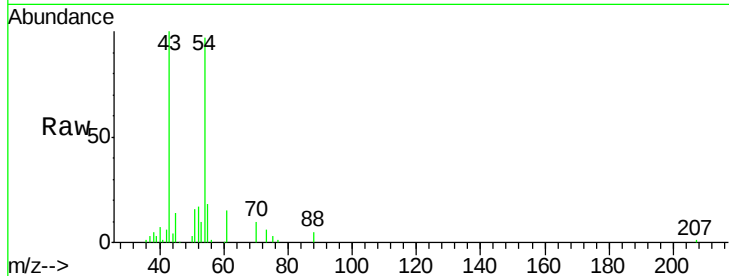




#37
Ethyl Acetate
Concen: 19.47 ug/l
RT: 7.11 min Scan# 881
Delta R.T. 0.01 min
Lab File: VY002125.D
Acq: 31 Mar 2020 12:16

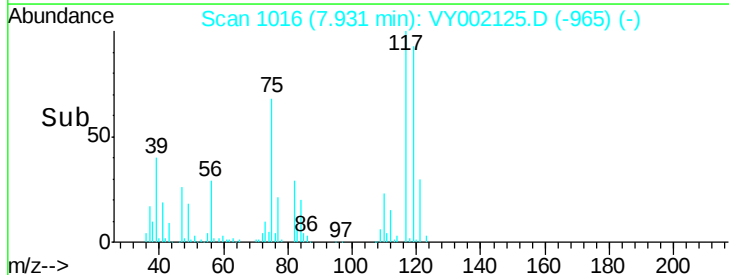
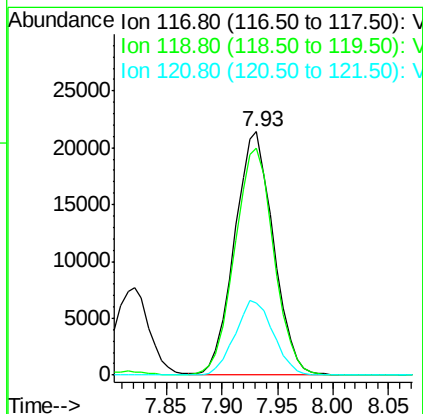
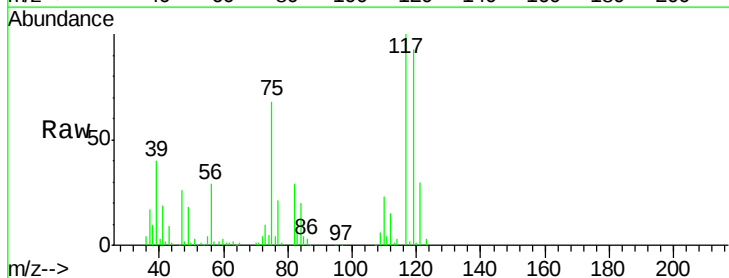
Instrument :
MSVOA_Y
ClientSampleId :
VY0331SBSD01

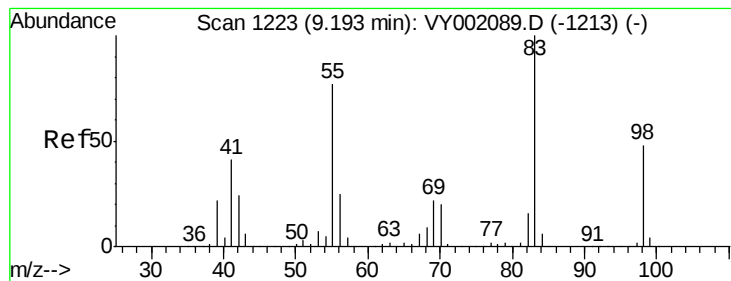
Tgt Ion: 43 Resp: 33261
Ion Ratio Lower Upper
43 100
61 13.9 11.2 16.8
70 11.0 8.2 12.4



#38
Carbon Tetrachloride
Concen: 21.61 ug/l
RT: 7.93 min Scan# 1016
Delta R.T. 0.01 min
Lab File: VY002125.D
Acq: 31 Mar 2020 12:16

Tgt Ion: 117 Resp: 51831
Ion Ratio Lower Upper
117 100
119 93.0 74.3 111.5
121 29.7 23.3 34.9





#39

Methylcyclohexane

Concen: 21.30 ug/l

RT: 9.21 min Scan# 1225

Delta R.T. 0.01 min

Lab File: VY002125.D

Acq: 31 Mar 2020 12:16

Instrument :

MSVOA_Y

ClientSampleId :

VY0331SBS01

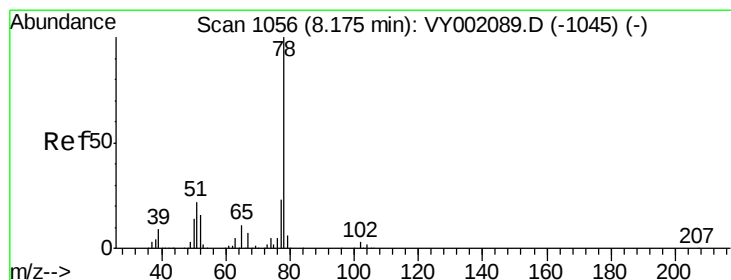
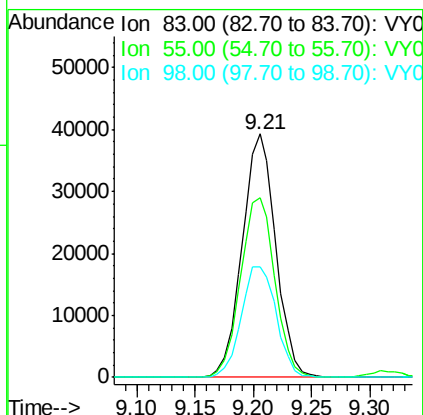
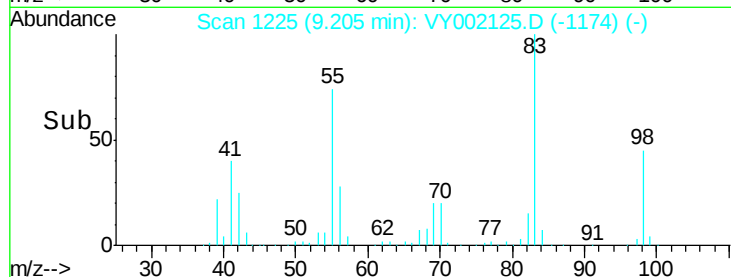
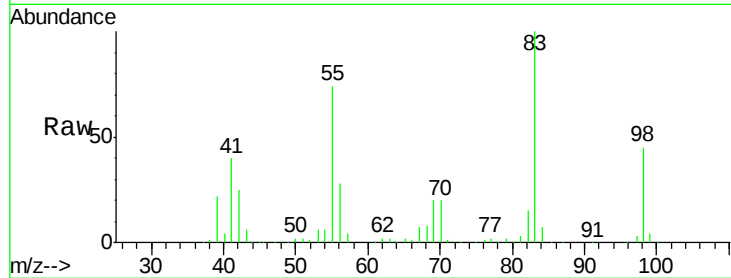
Tgt Ion: 83 Resp: 78971

Ion Ratio Lower Upper

83 100

55 73.6 61.2 91.8

98 45.2 38.2 57.2



#40

Benzene

Concen: 21.18 ug/l

RT: 8.19 min Scan# 1058

Delta R.T. 0.01 min

Lab File: VY002125.D

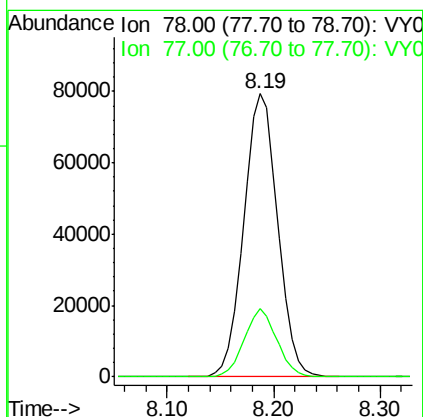
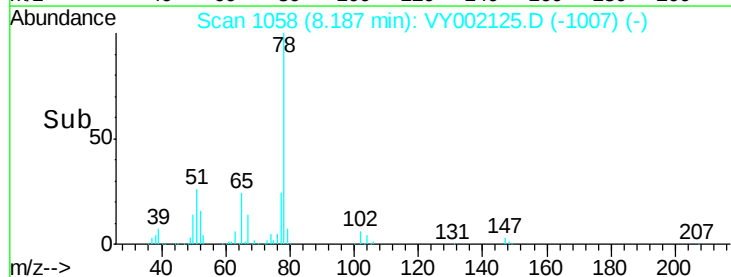
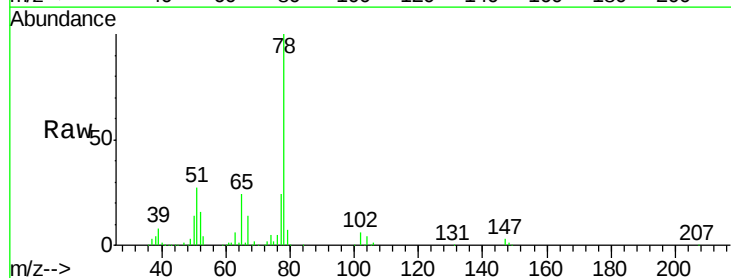
Acq: 31 Mar 2020 12:16

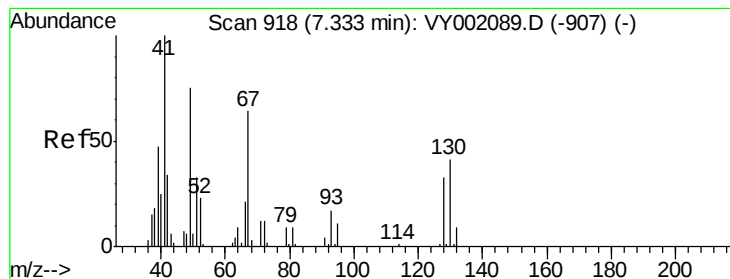
Tgt Ion: 78 Resp: 177329

Ion Ratio Lower Upper

78 100

77 24.1 18.2 27.4





#41

Methacrylonitrile

Concen: 51.68 ug/l

RT: 7.38 min Scan# 925

Delta R.T. 0.04 min

Lab File: VY002125.D

Acq: 31 Mar 2020 12:16

Instrument :

MSVOA_Y

ClientSampleId :

VY0331SBS01

Tgt Ion: 41 Resp: 44647

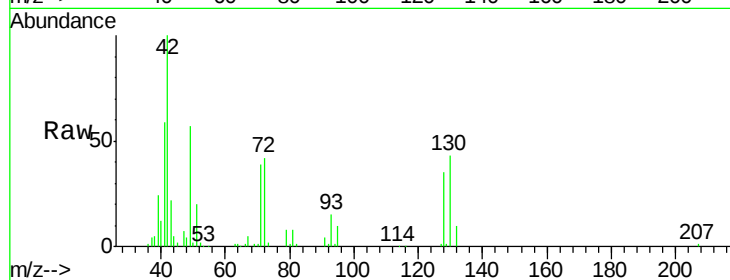
Ion Ratio Lower Upper

41 100

39 0.0 0.0 0.0

67 0.0 0.0 0.0

52 0.0 0.0 0.0

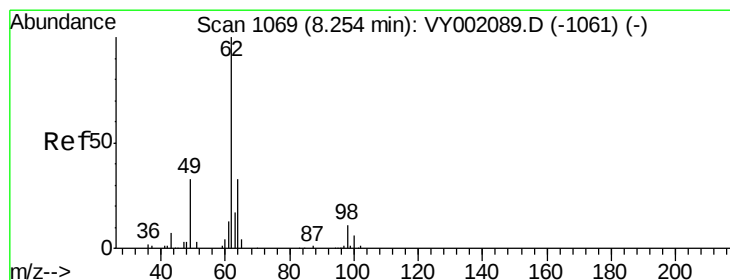
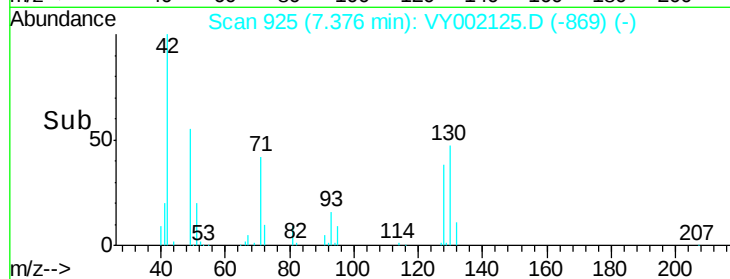
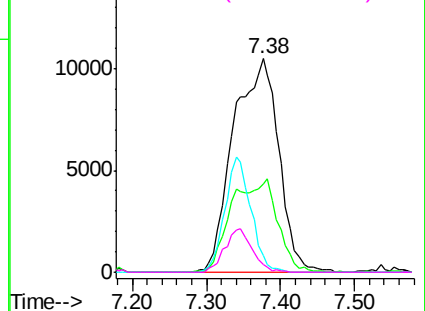


Abundance Ion 41.00 (40.70 to 41.70): VY0

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: 20.79 ug/l

RT: 8.26 min Scan# 1070

Delta R.T. 0.01 min

Lab File: VY002125.D

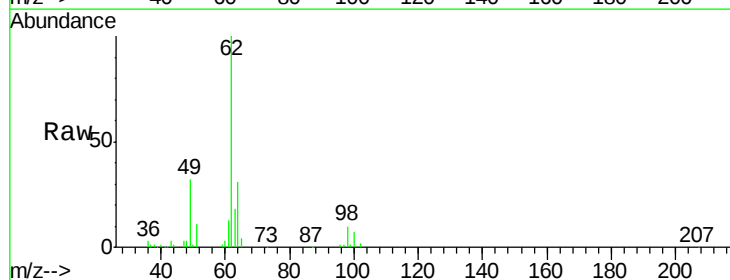
Acq: 31 Mar 2020 12:16

Tgt Ion: 62 Resp: 46200

Ion Ratio Lower Upper

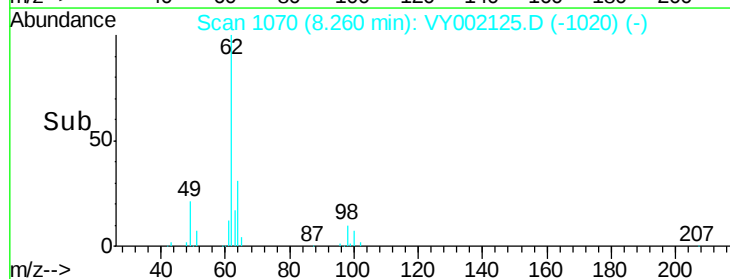
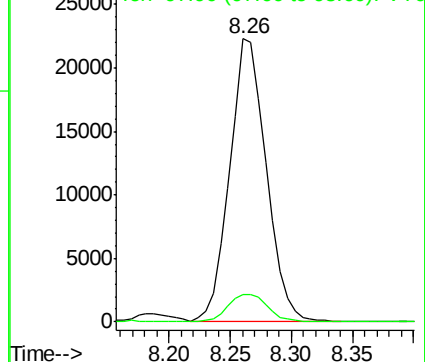
62 100

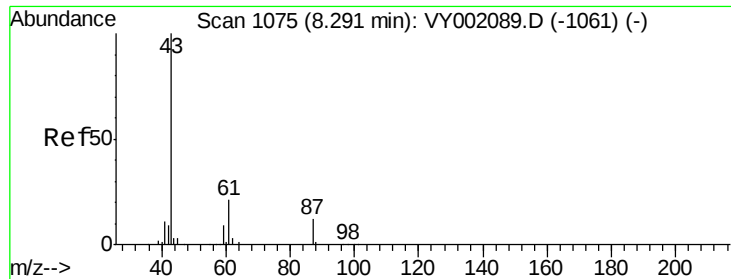
98 10.5 0.0 21.2



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

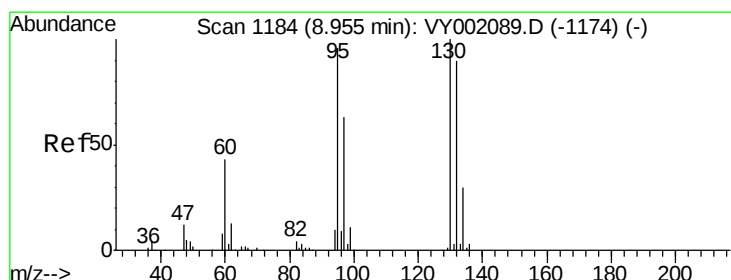
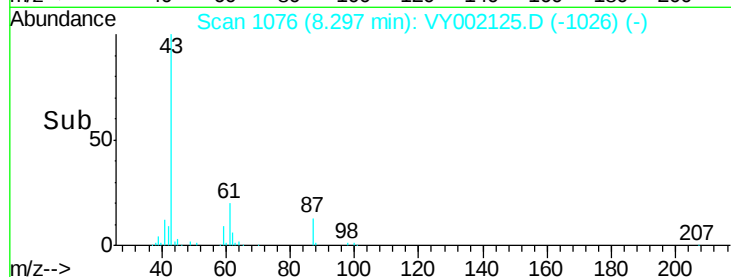
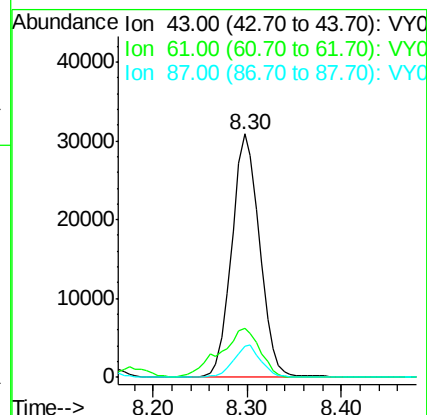
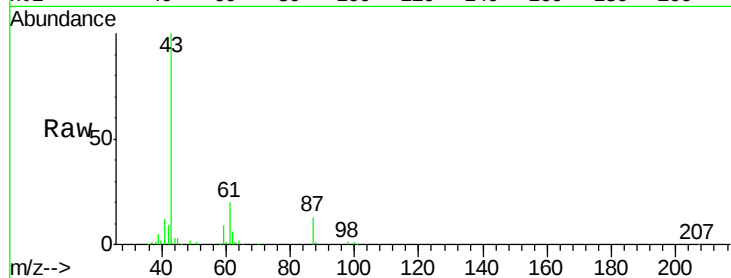




#43
Isopropyl Acetate
Concen: 20.03 ug/l
RT: 8.30 min Scan# 1076
Delta R.T. 0.01 min
Lab File: VY002125.D
Acq: 31 Mar 2020 12:16

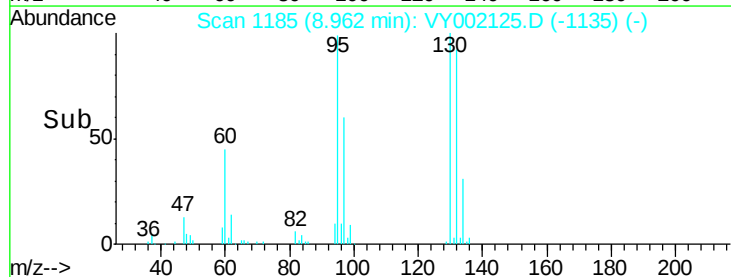
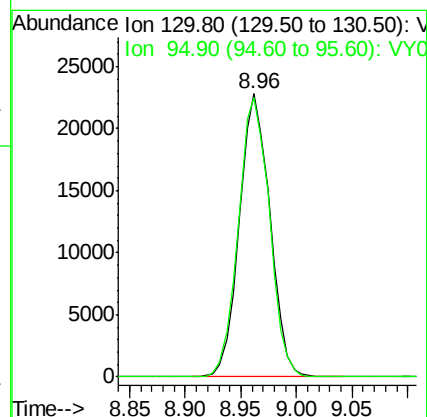
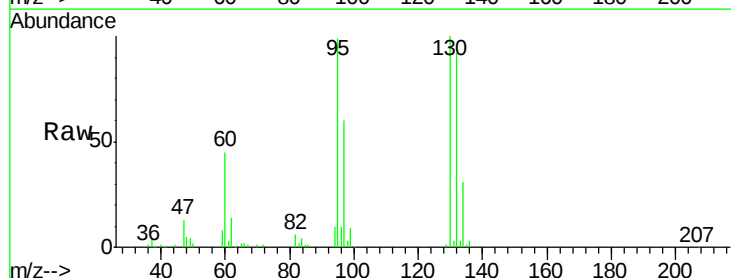
Instrument :
MSVOA_Y
ClientSampleId :
VY0331SBSD01

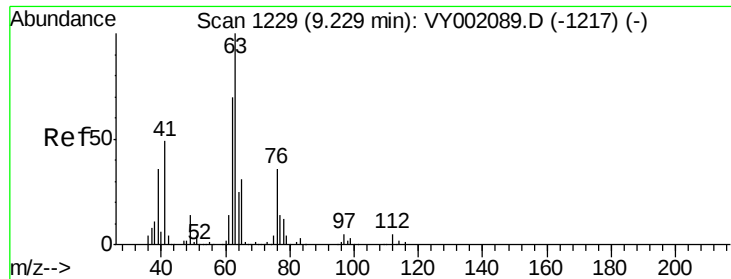
Tgt Ion: 43 Resp: 63487
Ion Ratio Lower Upper
43 100
61 28.8 23.4 35.2
87 13.0 10.2 15.4



#44
Trichloroethene
Concen: 21.52 ug/l
RT: 8.96 min Scan# 1185
Delta R.T. 0.01 min
Lab File: VY002125.D
Acq: 31 Mar 2020 12:16

Tgt Ion: 130 Resp: 43420
Ion Ratio Lower Upper
130 100
95 98.8 0.0 193.0

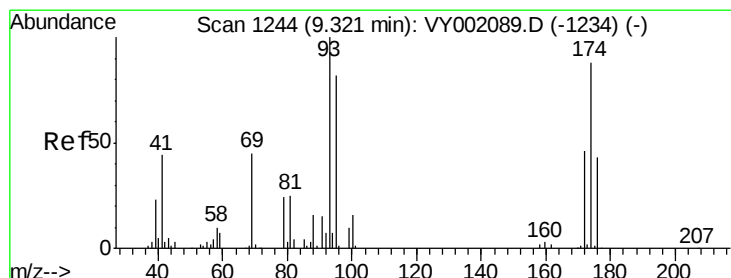
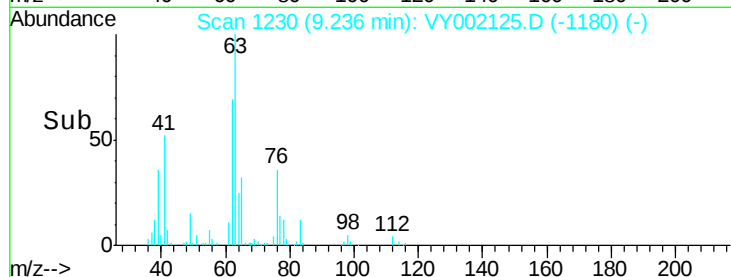
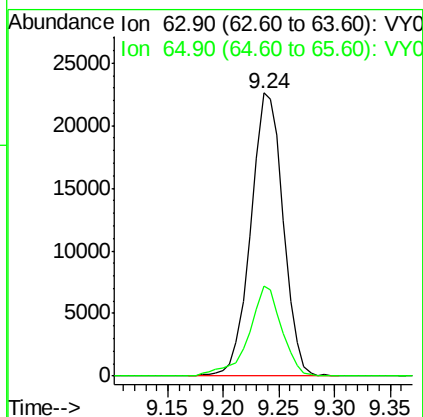
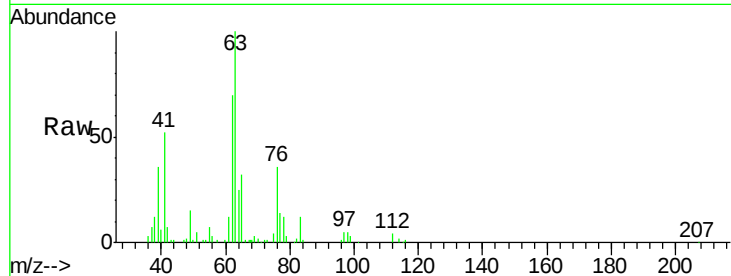




#45
 1,2-Dichloropropane
 Concen: 21.51 ug/l
 RT: 9.24 min Scan# 1230
 Delta R.T. 0.01 min
 Lab File: VY002125.D
 Acq: 31 Mar 2020 12:16

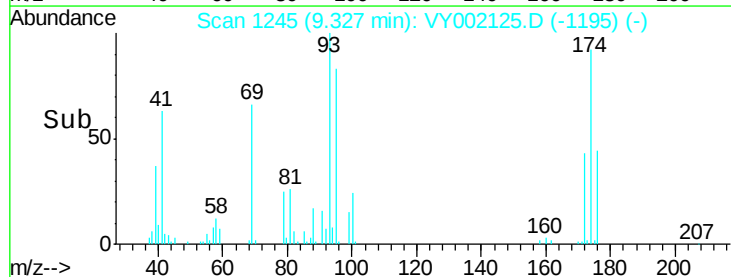
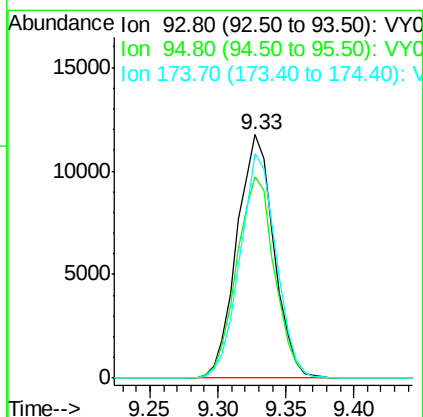
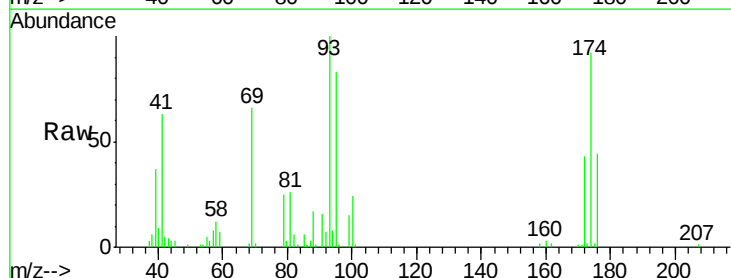
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0331SBS01

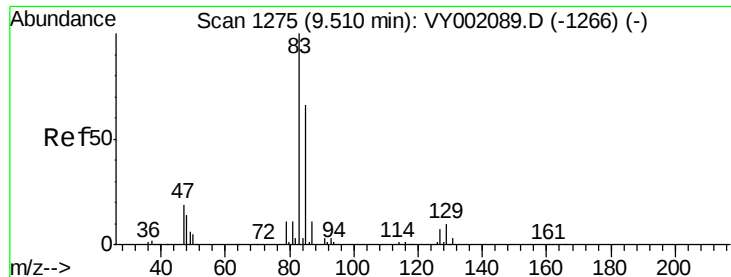
Tgt Ion: 63 Resp: 45856
 Ion Ratio Lower Upper
 63 100
 65 31.7 25.0 37.6



#46
 Dibromomethane
 Concen: 20.38 ug/l
 RT: 9.33 min Scan# 1245
 Delta R.T. 0.01 min
 Lab File: VY002125.D
 Acq: 31 Mar 2020 12:16

Tgt Ion: 93 Resp: 22308
 Ion Ratio Lower Upper
 93 100
 95 84.8 66.0 99.0
 174 90.4 69.8 104.8

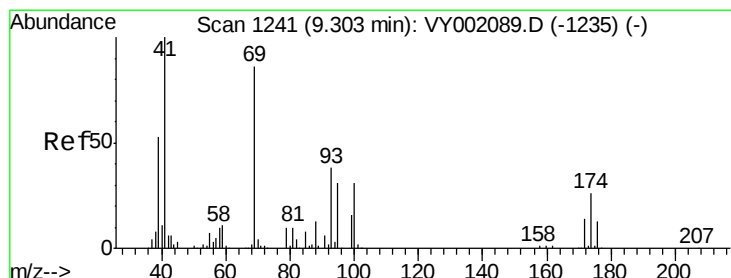
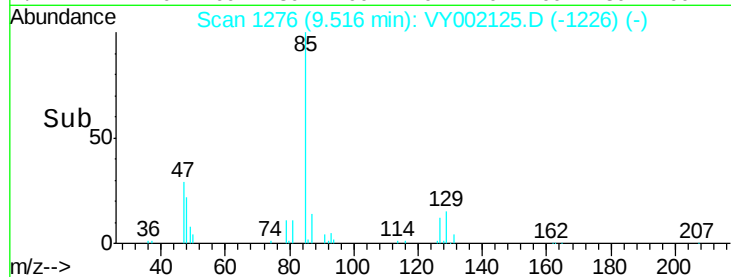
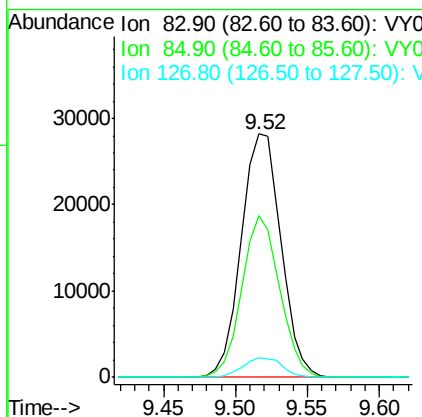
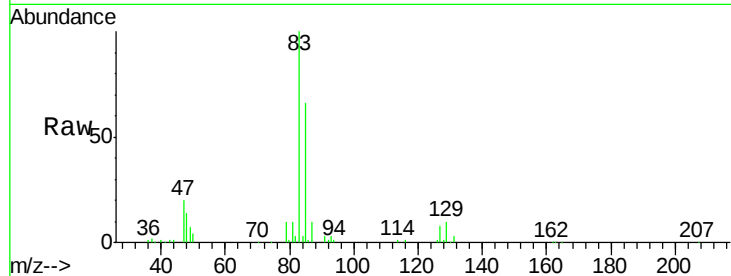




#47
 Bromodichloromethane
 Concen: 21.18 ug/l
 RT: 9.52 min Scan# 1276
 Delta R.T. 0.01 min
 Lab File: VY002125.D
 Acq: 31 Mar 2020 12:16

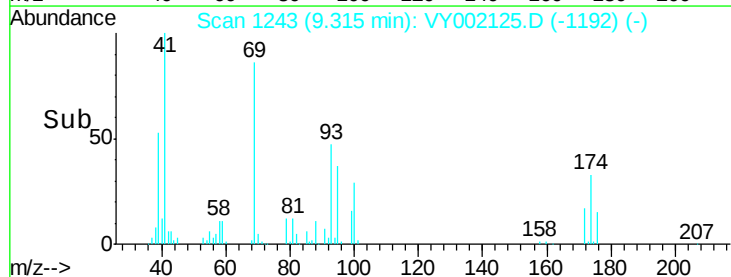
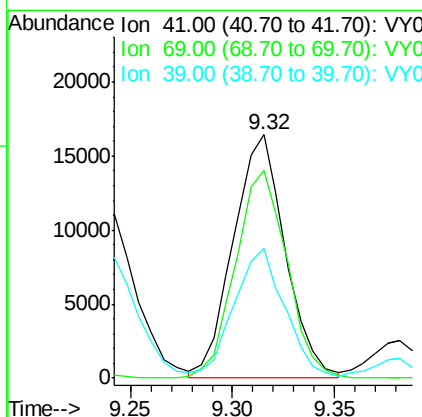
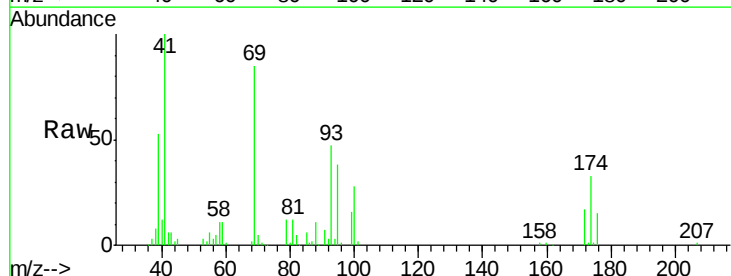
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0331SBS01

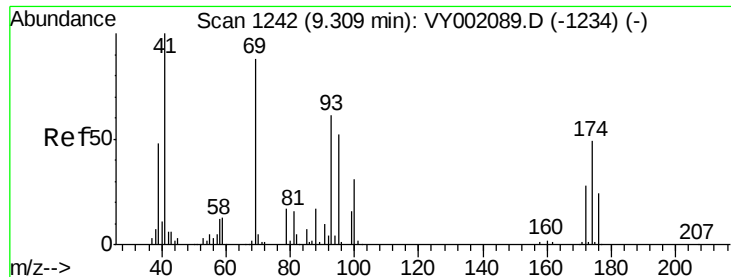
Tgt Ion: 83 Resp: 53968
 Ion Ratio Lower Upper
 83 100
 85 66.2 52.6 79.0
 127 8.2 5.9 8.9



#48
 Methyl methacrylate
 Concen: 20.50 ug/l
 RT: 9.32 min Scan# 1243
 Delta R.T. 0.01 min
 Lab File: VY002125.D
 Acq: 31 Mar 2020 12:16

Tgt Ion: 41 Resp: 29128
 Ion Ratio Lower Upper
 41 100
 69 84.4 71.4 107.0
 39 49.9 41.0 61.4

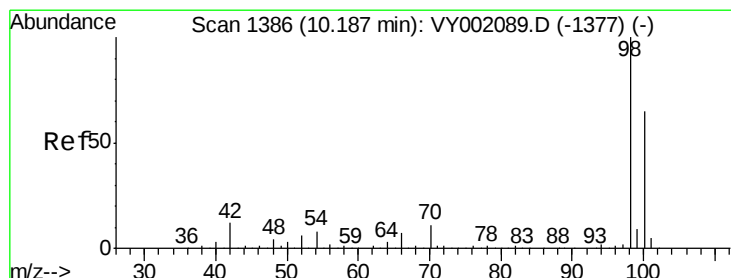
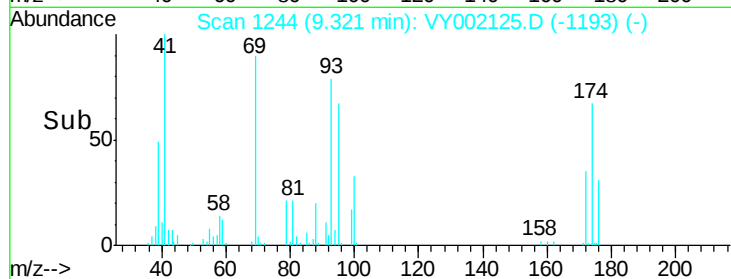
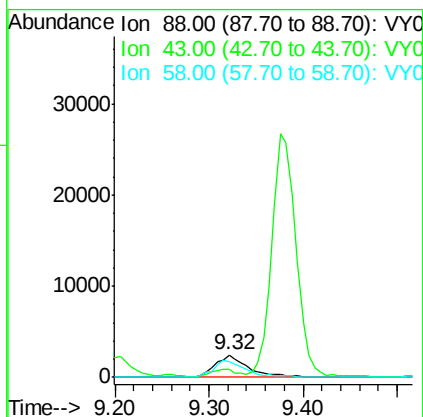
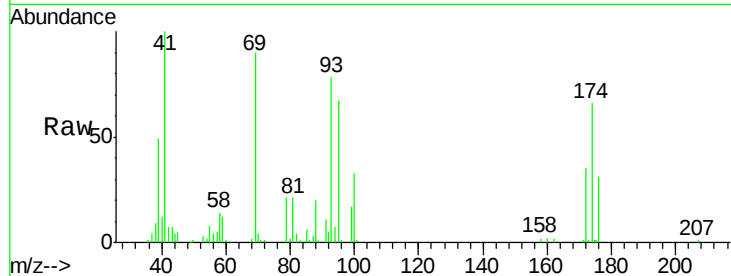




#49
1,4-Dioxane
Concen: 397.86 ug/l
RT: 9.32 min Scan# 1244
Delta R.T. 0.01 min
Lab File: VY002125.D
Acq: 31 Mar 2020 12:16

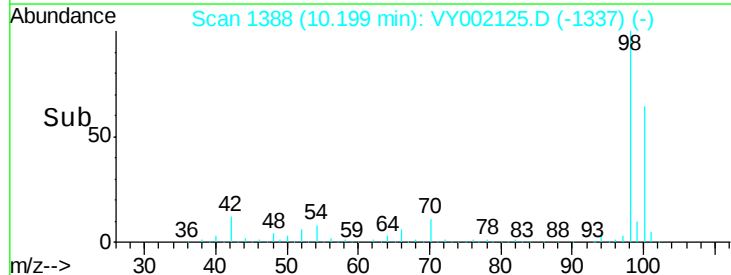
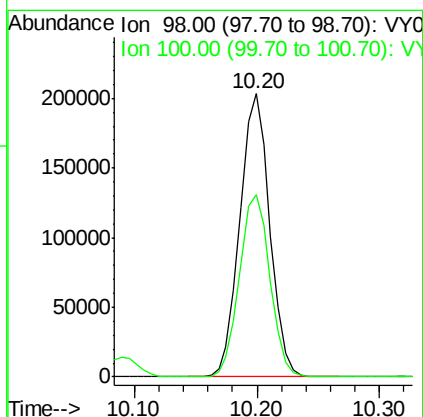
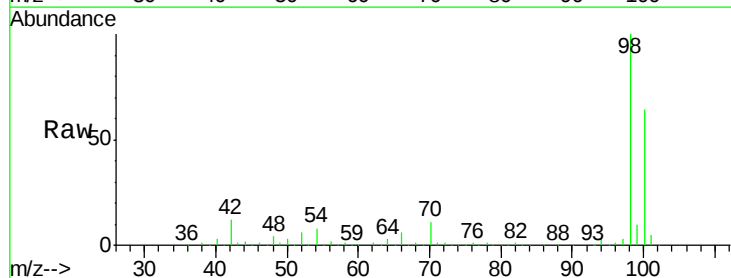
Instrument :
MSVOA_Y
ClientSampleId :
VY0331SBSD01

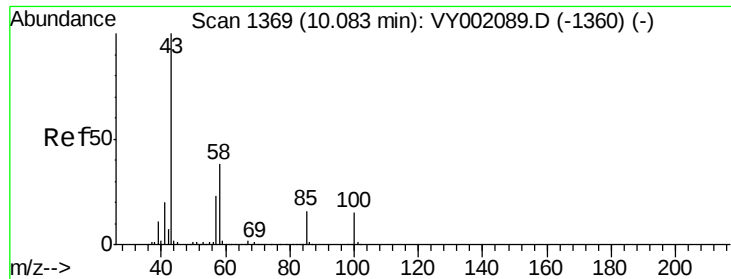
Tgt Ion: 88 Resp: 5977
Ion Ratio Lower Upper
88 100
43 30.6 27.2 40.8
58 77.0 59.8 89.8



#50
Toluene-d8
Concen: 49.43 ug/l
RT: 10.20 min Scan# 1388
Delta R.T. 0.01 min
Lab File: VY002125.D
Acq: 31 Mar 2020 12:16

Tgt Ion: 98 Resp: 343821
Ion Ratio Lower Upper
98 100
100 65.7 51.6 77.4





#51

4-Methyl-2-Pentanone

Concen: 103.36 ug/l

RT: 10.09 min Scan# 1370

Delta R.T. 0.01 min

Lab File: VY002125.D

Acq: 31 Mar 2020 12:16

Instrument :

MSVOA_Y

ClientSampleId :

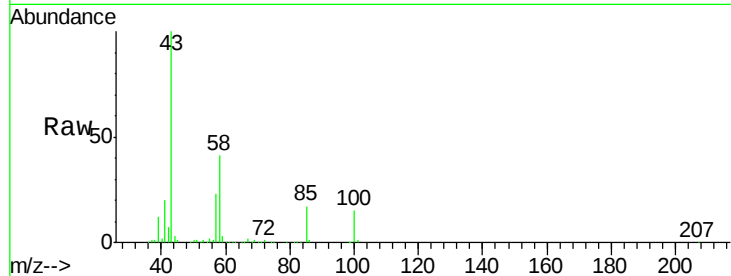
VY0331SBS01

Tgt Ion: 43 Resp: 168723

Ion Ratio Lower Upper

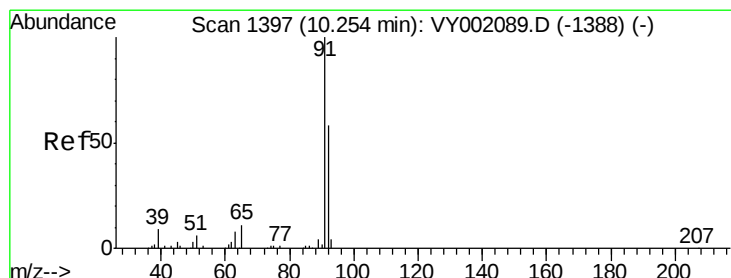
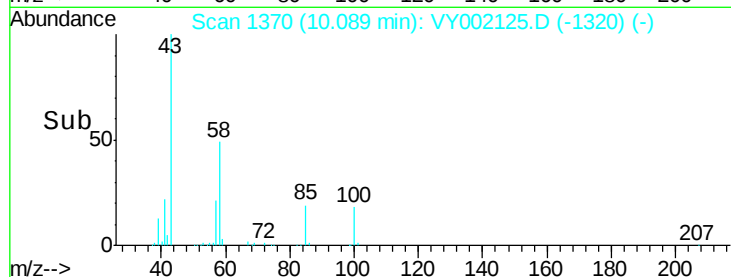
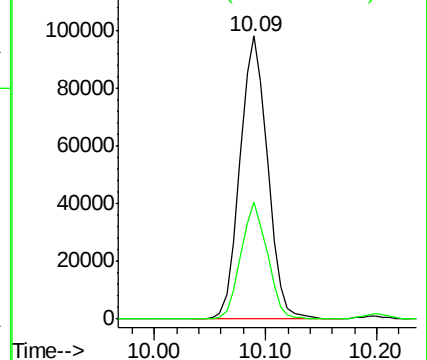
43 100

58 39.6 31.6 47.4



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0



#52

Toluene

Concen: 21.20 ug/l

RT: 10.26 min Scan# 1398

Delta R.T. 0.01 min

Lab File: VY002125.D

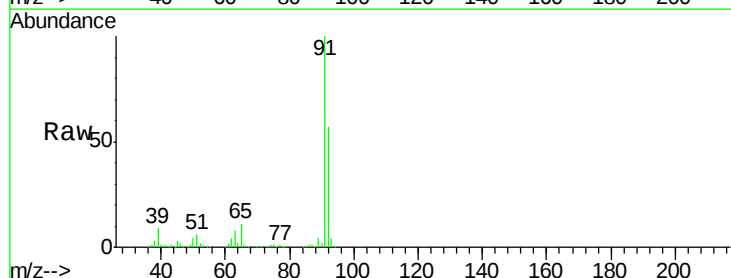
Acq: 31 Mar 2020 12:16

Tgt Ion: 92 Resp: 107360

Ion Ratio Lower Upper

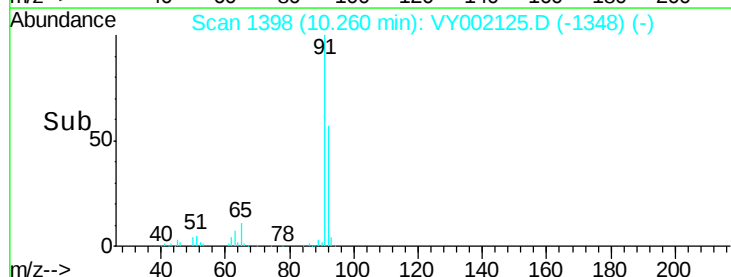
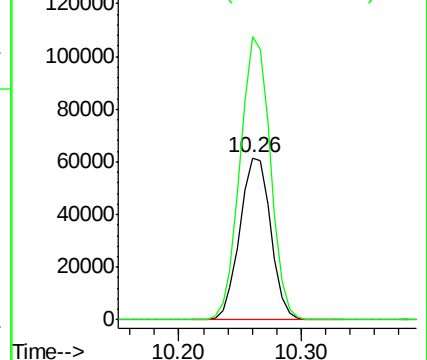
92 100

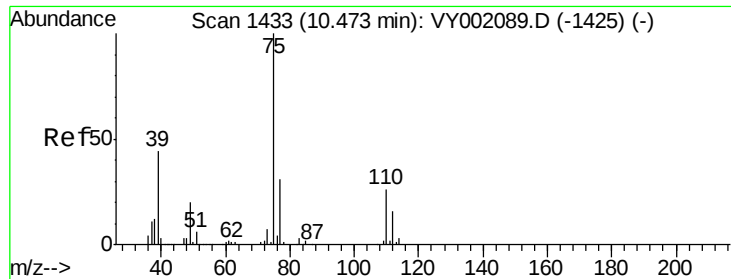
91 171.4 139.3 208.9



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: 20.50 ug/l

RT: 10.49 min Scan# 1435

Delta R.T. 0.01 min

Lab File: VY002125.D

Acq: 31 Mar 2020 12:16

Instrument :

MSVOA_Y

ClientSampleId :

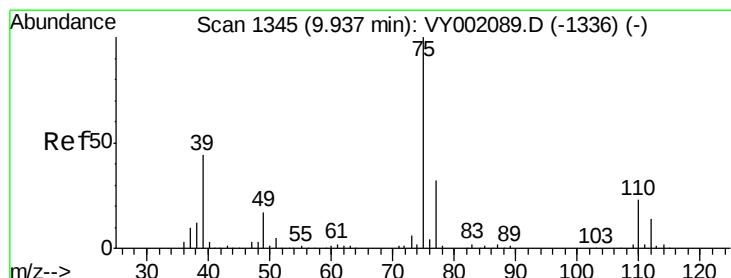
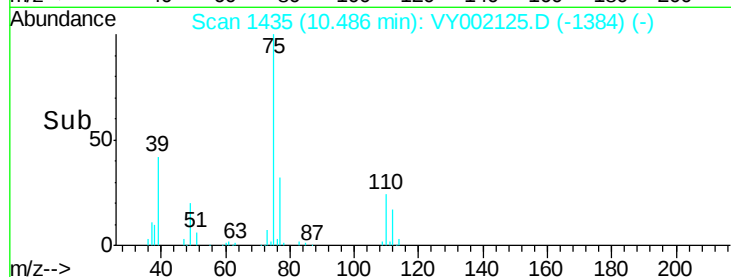
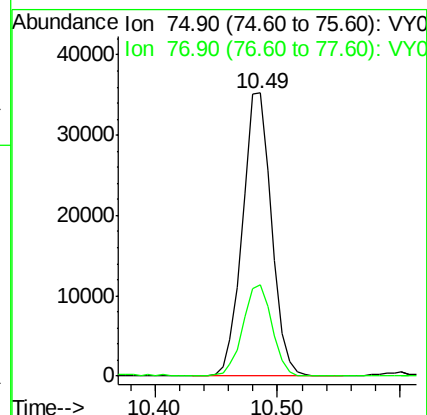
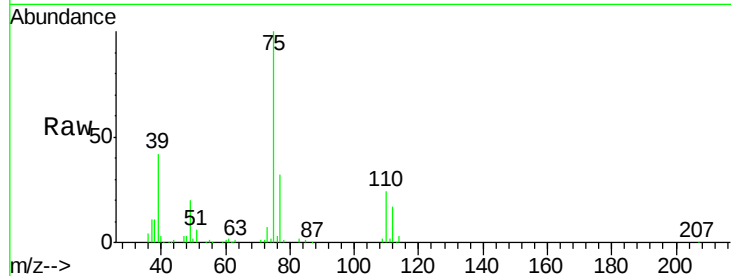
VY0331SBS01

Tgt Ion: 75 Resp: 57998

Ion Ratio Lower Upper

75 100

77 32.4 25.2 37.8



#54

cis-1,3-Dichloropropene

Concen: 20.88 ug/l

RT: 9.95 min Scan# 1347

Delta R.T. 0.01 min

Lab File: VY002125.D

Acq: 31 Mar 2020 12:16

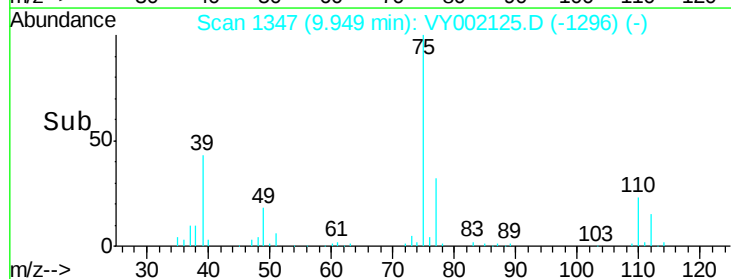
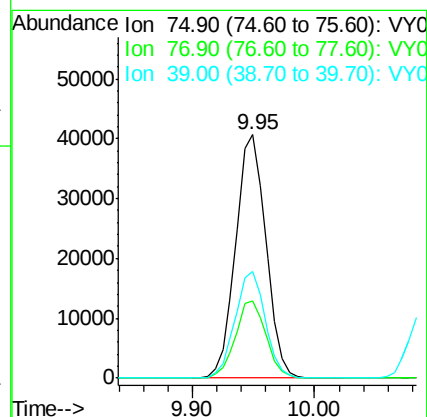
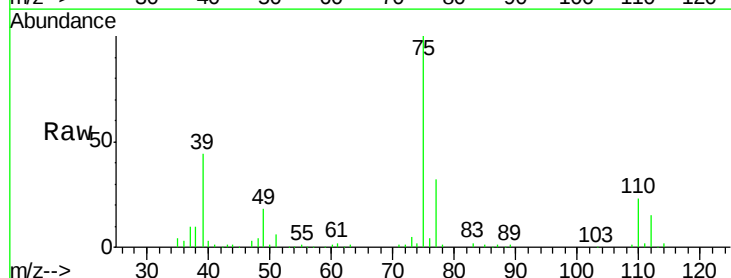
Tgt Ion: 75 Resp: 69527

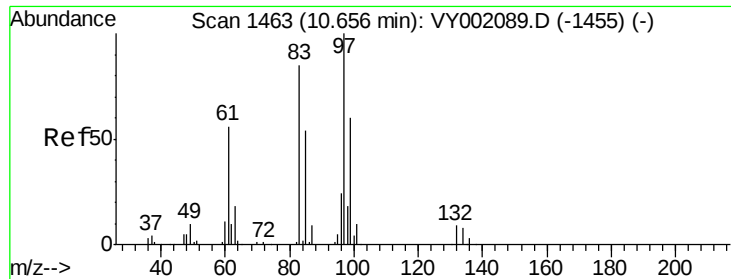
Ion Ratio Lower Upper

75 100

77 31.5 25.6 38.4

39 44.0 35.2 52.8

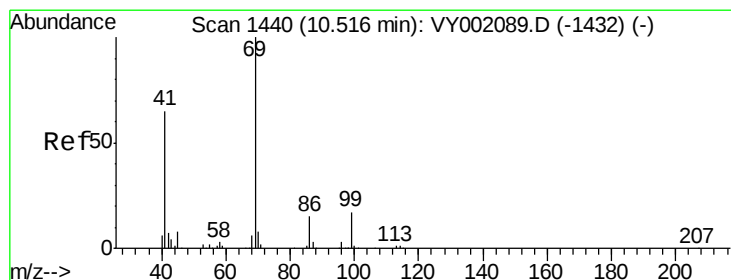
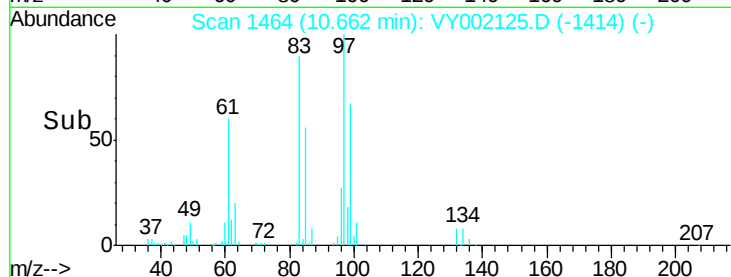
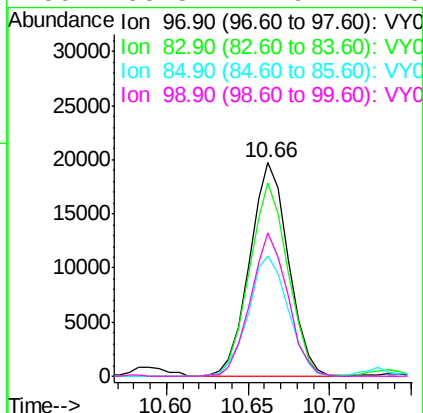
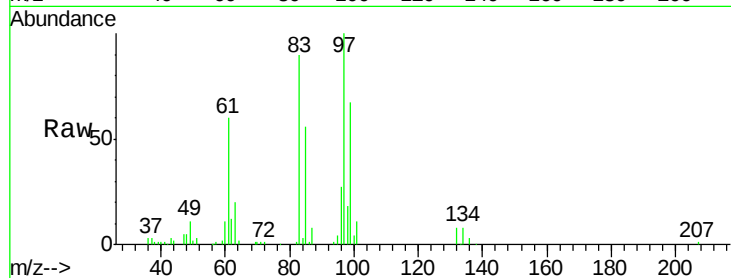




#55
 1,1,2-Trichloroethane
 Concen: 20.06 ug/l
 RT: 10.66 min Scan# 1464
 Delta R.T. 0.01 min
 Lab File: VY002125.D
 Acq: 31 Mar 2020 12:16

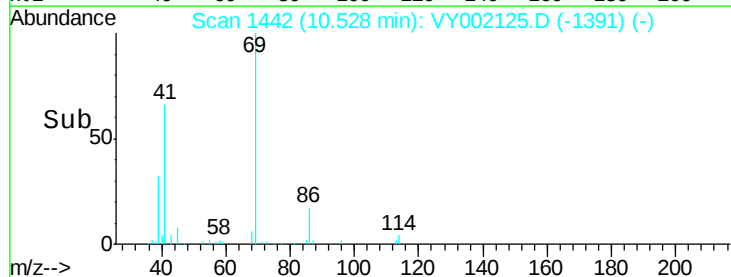
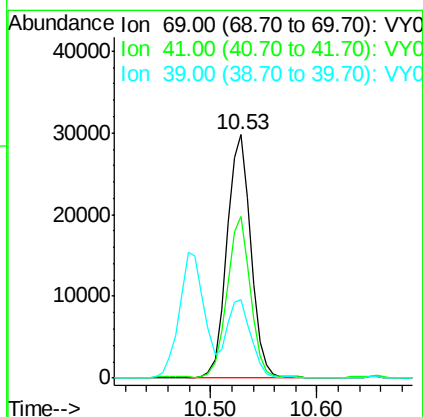
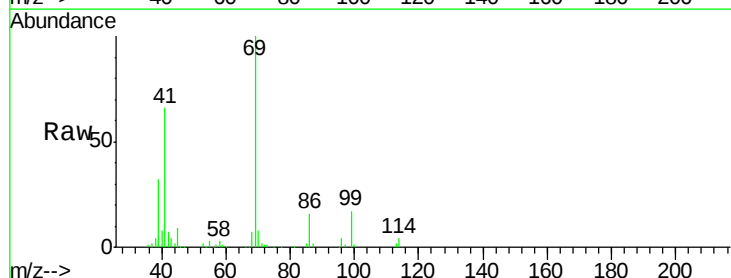
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0331SBS01

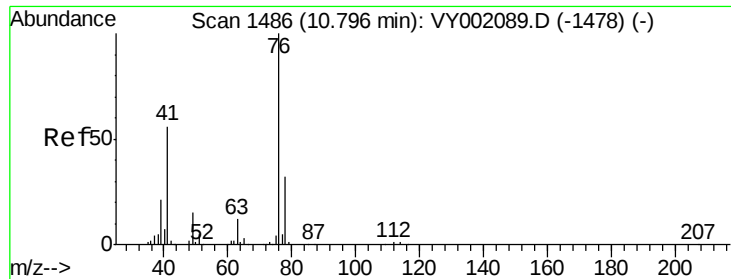
Tgt Ion:	97	Resp:	32506
Ion	Ratio	Lower	Upper
97	100		
83	90.3	68.2	102.2
85	56.2	42.9	64.3
99	66.8	47.9	71.9



#56
 Ethyl methacrylate
 Concen: 19.82 ug/l
 RT: 10.53 min Scan# 1442
 Delta R.T. 0.01 min
 Lab File: VY002125.D
 Acq: 31 Mar 2020 12:16

Tgt Ion:	69	Resp:	46894
Ion	Ratio	Lower	Upper
69	100		
41	65.4	52.8	79.2
39	32.5	25.0	37.6





#57

1,3-Dichloropropane

Concen: 20.76 ug/l

RT: 10.81 min Scan# 1488

Delta R.T. 0.01 min

Lab File: VY002125.D

Acq: 31 Mar 2020 12:16

Instrument :

MSVOA_Y

ClientSampleId :

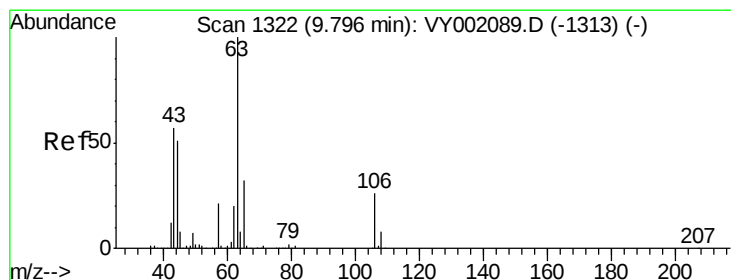
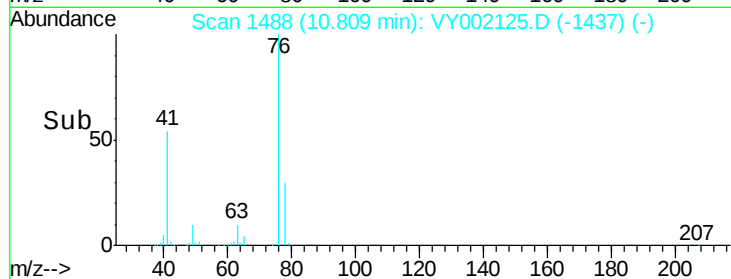
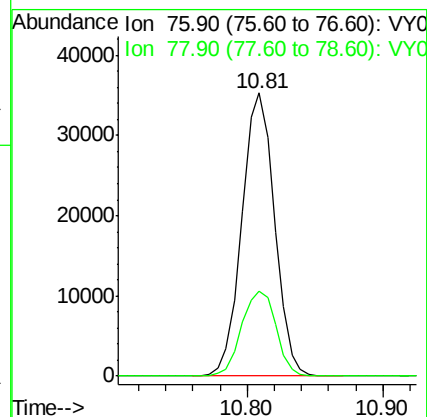
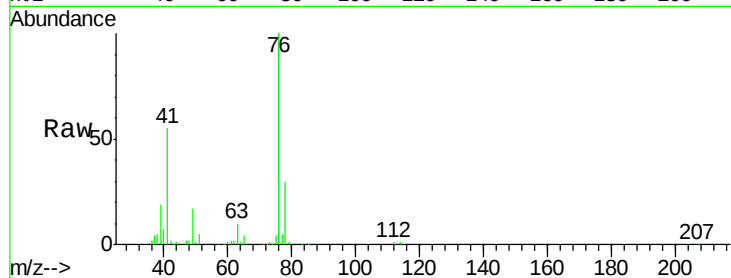
VY0331SBS01

Tgt Ion: 76 Resp: 59442

Ion Ratio Lower Upper

76 100

78 31.4 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 98.25 ug/l

RT: 9.80 min Scan# 1323

Delta R.T. 0.01 min

Lab File: VY002125.D

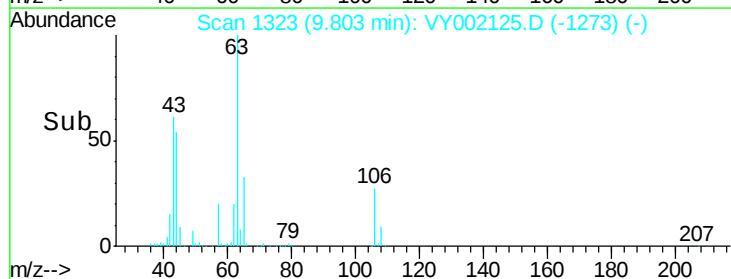
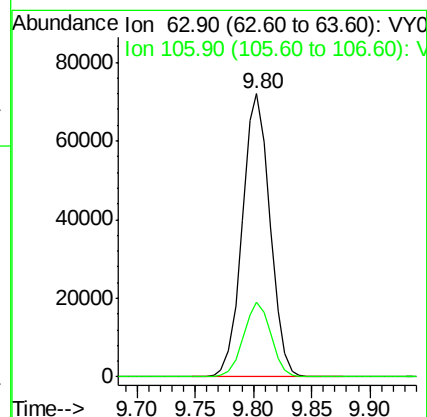
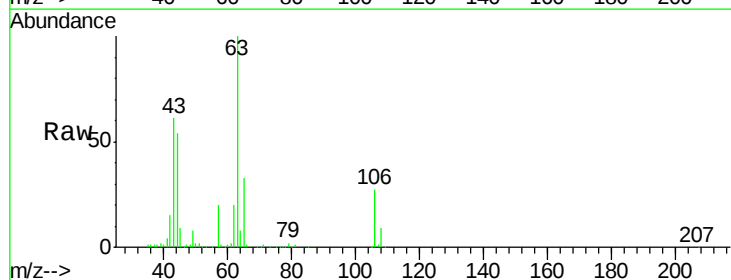
Acq: 31 Mar 2020 12:16

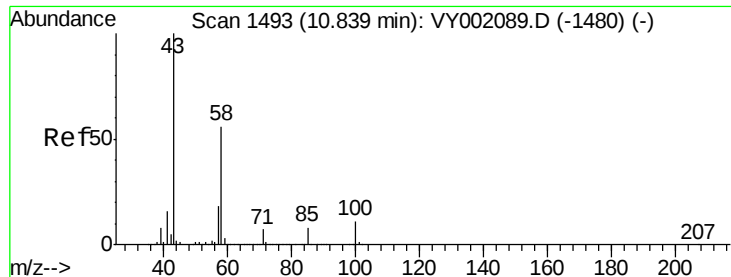
Tgt Ion: 63 Resp: 119473

Ion Ratio Lower Upper

63 100

106 26.2 21.0 31.4





#59

2-Hexanone

Concen: 96.28 ug/l

RT: 10.85 min Scan# 1495

Delta R.T. 0.01 min

Lab File: VY002125.D

Acq: 31 Mar 2020 12:16

Instrument :

MSVOA_Y

ClientSampleId :

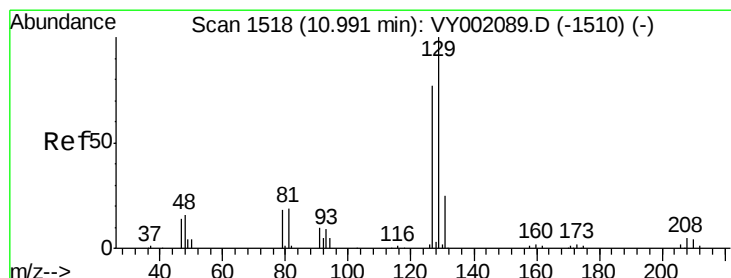
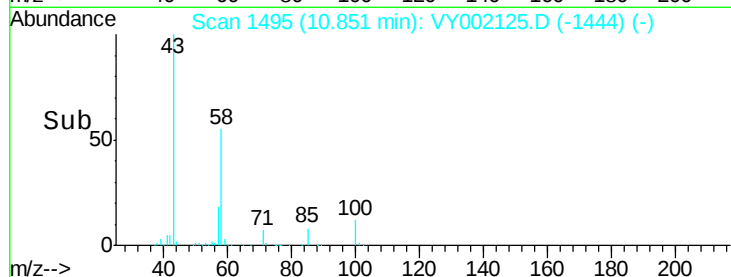
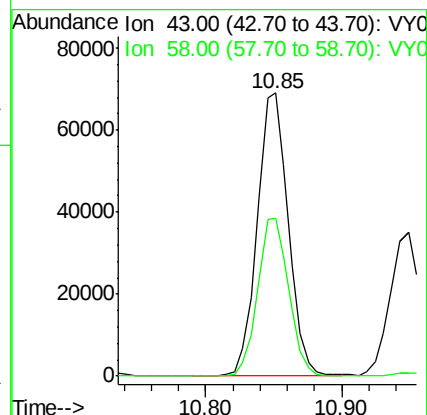
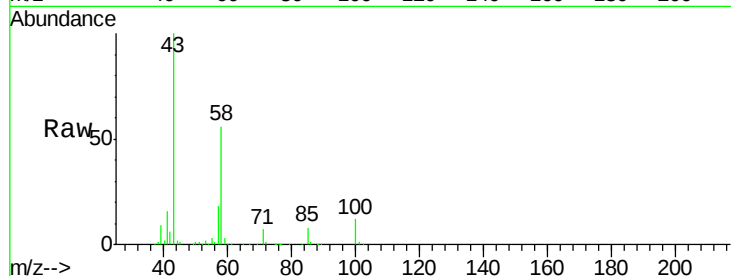
VY0331SBS01

Tgt Ion: 43 Resp: 110709

Ion Ratio Lower Upper

43 100

58 55.9 27.9 83.6



#60

Dibromochloromethane

Concen: 20.86 ug/l

RT: 11.00 min Scan# 1520

Delta R.T. 0.01 min

Lab File: VY002125.D

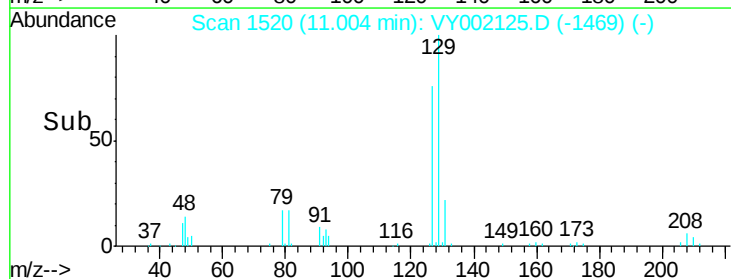
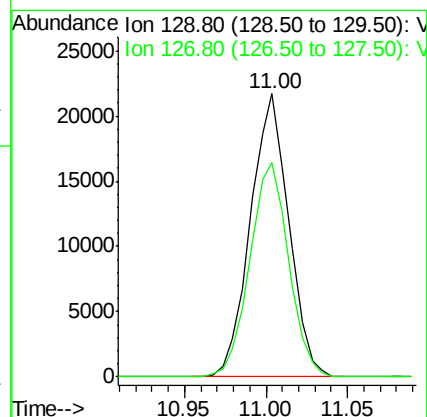
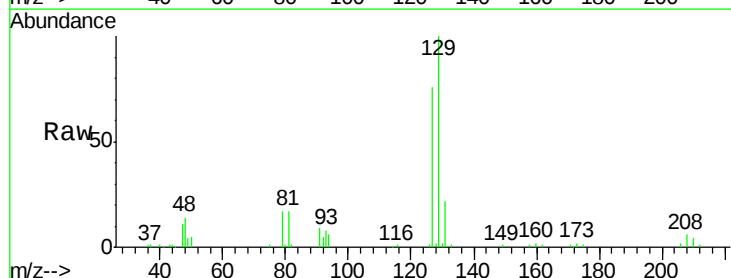
Acq: 31 Mar 2020 12:16

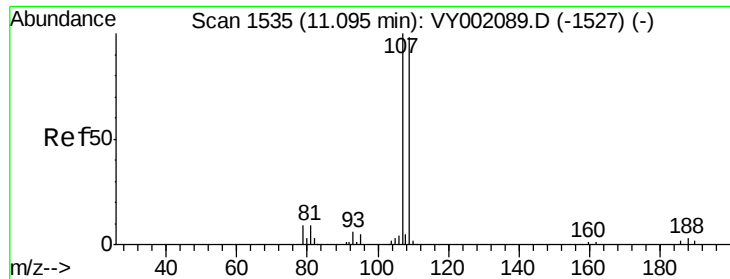
Tgt Ion: 129 Resp: 35366

Ion Ratio Lower Upper

129 100

127 77.0 38.7 116.1

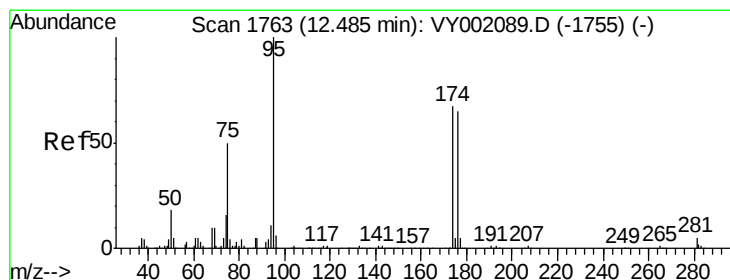
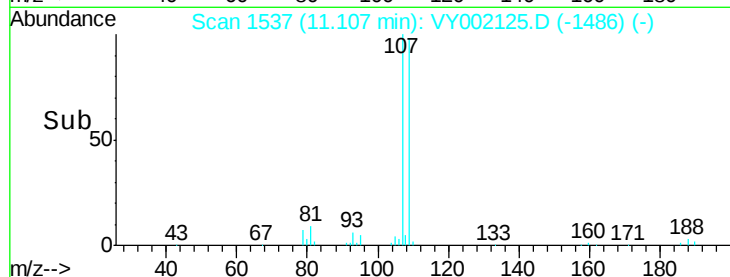
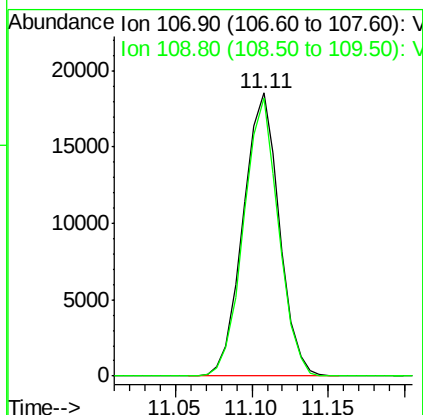
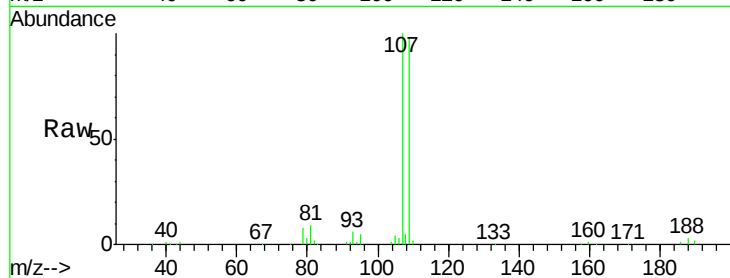




#61
 1,2-Dibromoethane
 Concen: 20.03 ug/l
 RT: 11.11 min Scan# 1537
 Delta R.T. 0.01 min
 Lab File: VY002125.D
 Acq: 31 Mar 2020 12:16

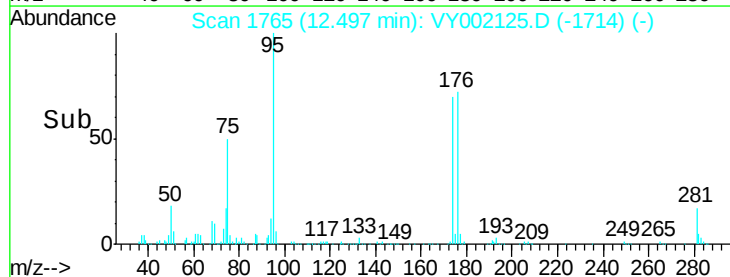
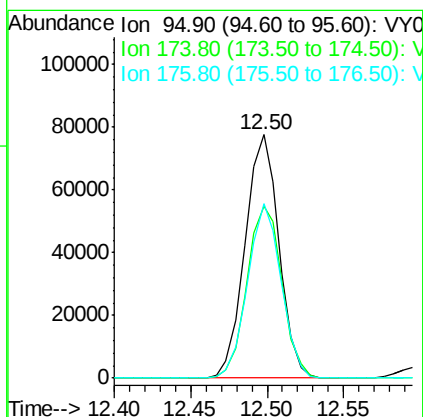
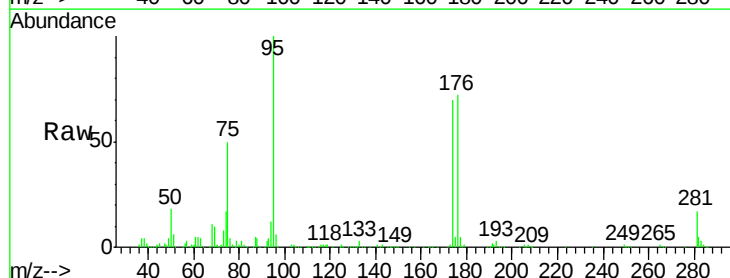
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0331SBSD01

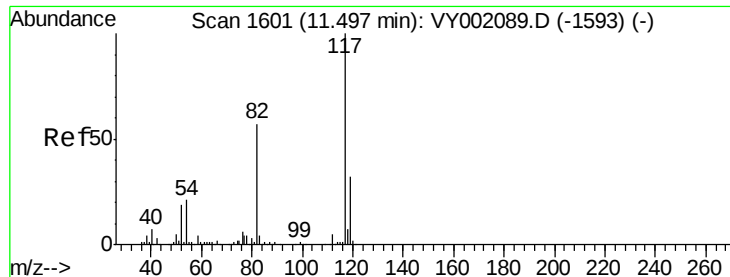
Tgt Ion: 107 Resp: 30381
 Ion Ratio Lower Upper
 107 100
 109 94.7 76.3 114.5



#62
 4-Bromofluorobenzene
 Concen: 48.95 ug/l
 RT: 12.50 min Scan# 1765
 Delta R.T. 0.01 min
 Lab File: VY002125.D
 Acq: 31 Mar 2020 12:16

Tgt Ion: 95 Resp: 119085
 Ion Ratio Lower Upper
 95 100
 174 73.2 0.0 143.4
 176 71.2 0.0 137.0

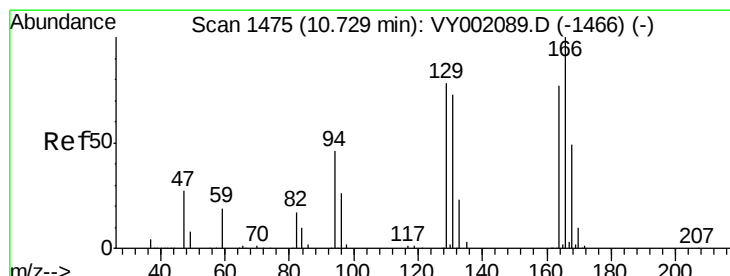
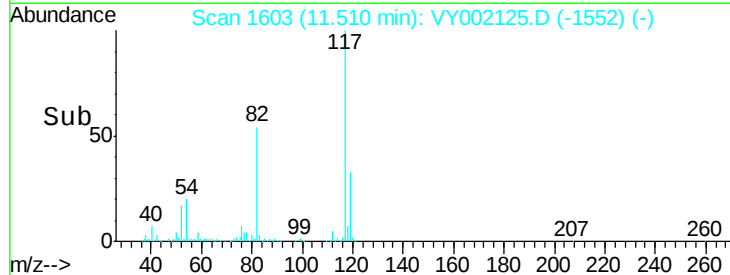
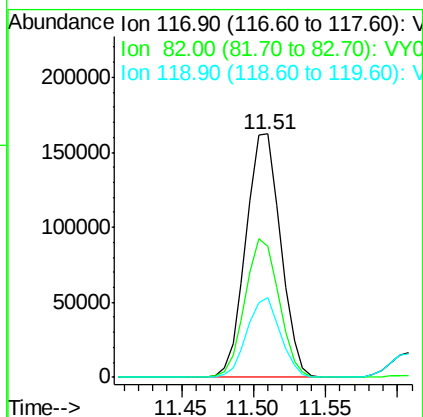
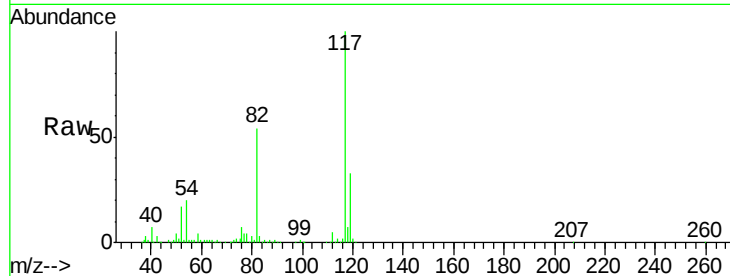




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.51 min Scan# 1603
Delta R.T. 0.01 min
Lab File: VY002125.D
Acq: 31 Mar 2020 12:16

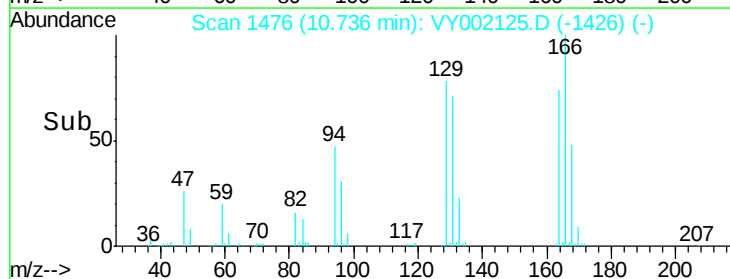
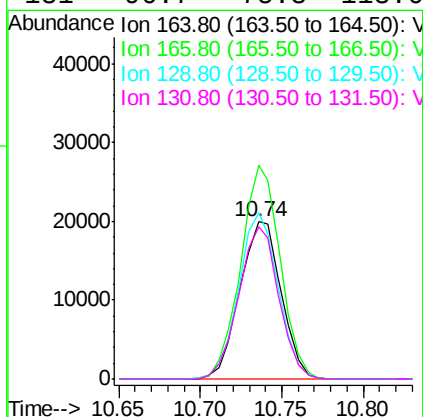
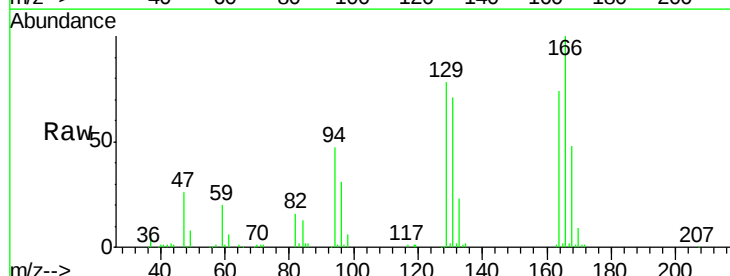
Instrument :
MSVOA_Y
ClientSampleId :
VY0331SBSD01

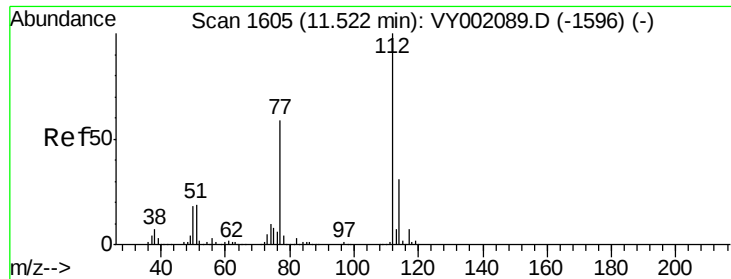
Tgt Ion:117 Resp: 271209
Ion Ratio Lower Upper
117 100
82 53.6 45.4 68.2
119 32.6 25.3 37.9



#64
Tetrachloroethene
Concen: 21.17 ug/l
RT: 10.74 min Scan# 1476
Delta R.T. 0.01 min
Lab File: VY002125.D
Acq: 31 Mar 2020 12:16

Tgt Ion:164 Resp: 35136
Ion Ratio Lower Upper
164 100
166 136.0 104.0 156.0
129 105.8 81.2 121.8
131 96.7 75.8 113.6

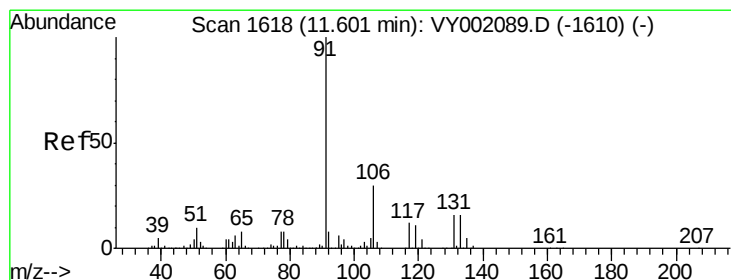
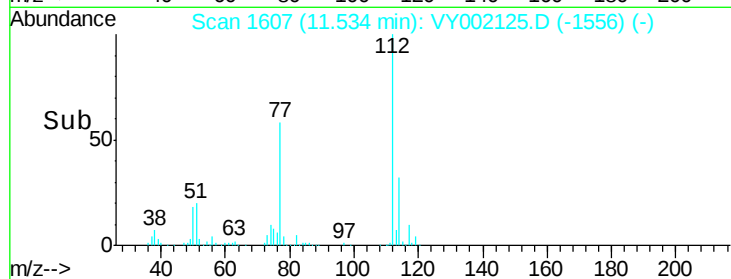
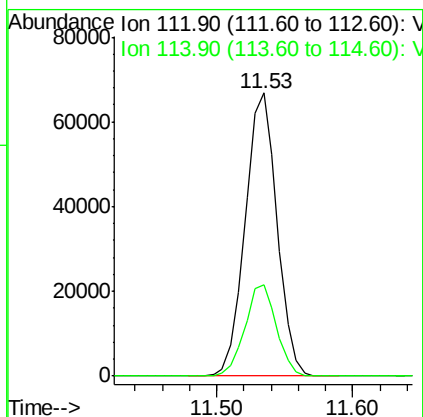
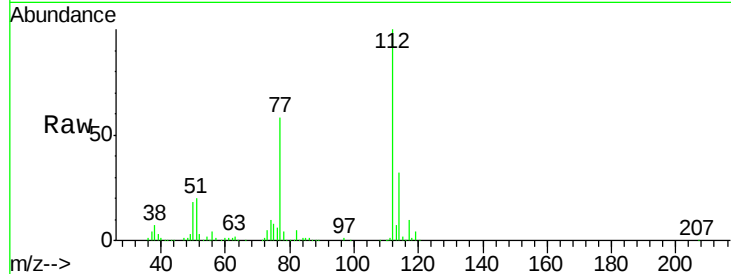




#65
Chlorobenzene
Concen: 20.88 ug/l
RT: 11.53 min Scan# 1607
Delta R.T. 0.01 min
Lab File: VY002125.D
Acq: 31 Mar 2020 12:16

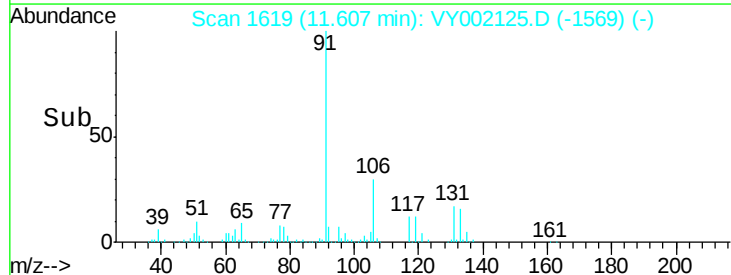
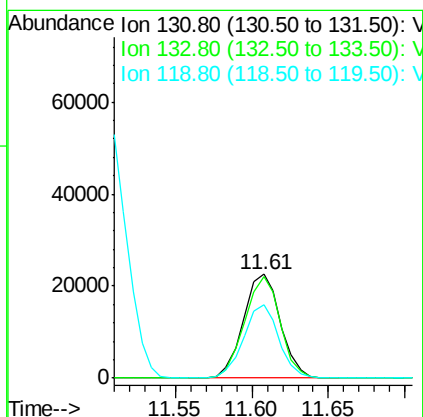
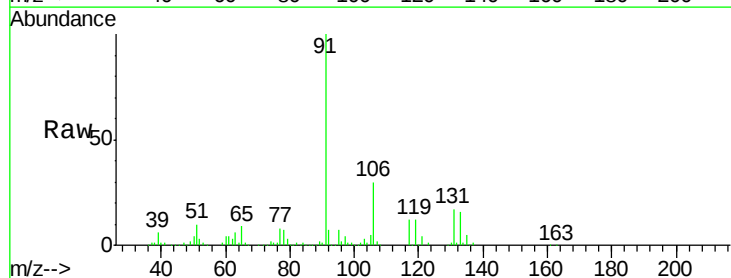
Instrument :
MSVOA_Y
ClientSampleId :
VY0331SBSD01

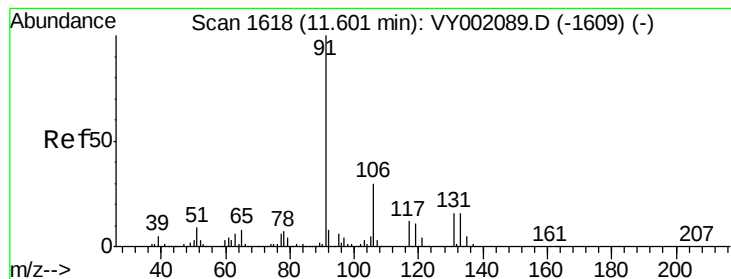
Tgt Ion:112 Resp: 109299
Ion Ratio Lower Upper
112 100
114 32.1 24.9 37.3



#66
1,1,1,2-Tetrachloroethane
Concen: 21.52 ug/l
RT: 11.61 min Scan# 1619
Delta R.T. 0.01 min
Lab File: VY002125.D
Acq: 31 Mar 2020 12:16

Tgt Ion:131 Resp: 37686
Ion Ratio Lower Upper
131 100
133 94.7 47.5 142.5
119 67.4 34.6 103.9





#67

Ethyl Benzene

Concen: 21.19 ug/l

RT: 11.61 min Scan# 1619

Delta R.T. 0.01 min

Lab File: VY002125.D

Acq: 31 Mar 2020 12:16

Instrument :

MSVOA_Y

ClientSampleId :

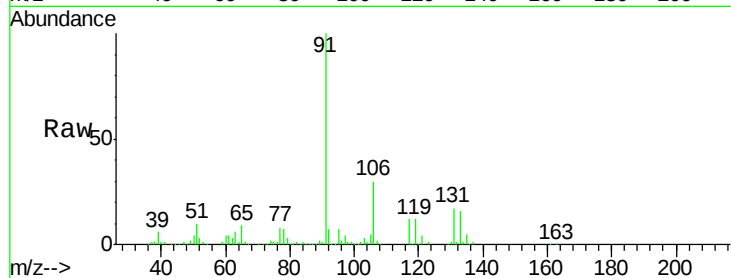
VY0331SBS01

Tgt Ion: 91 Resp: 205999

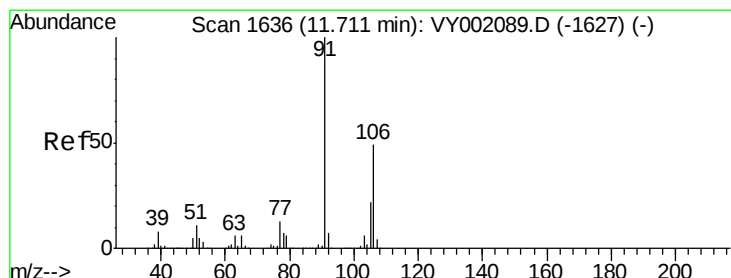
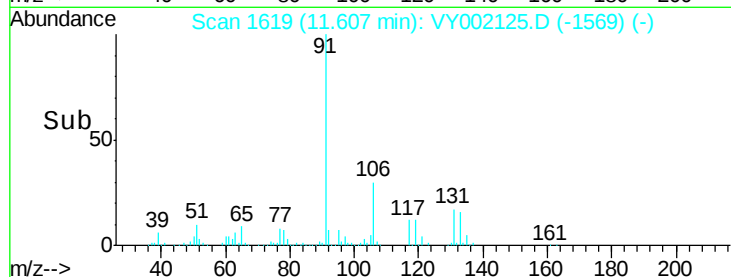
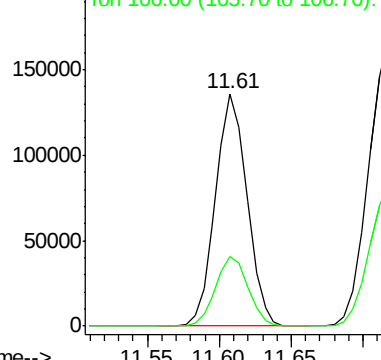
Ion Ratio Lower Upper

91 100

106 30.0 24.1 36.1



Abundance Ion 91.00 (90.70 to 91.70): VY002089.D (-1609) (-)



#68

m/p-Xylenes

Concen: 42.16 ug/l

RT: 11.72 min Scan# 1637

Delta R.T. 0.01 min

Lab File: VY002125.D

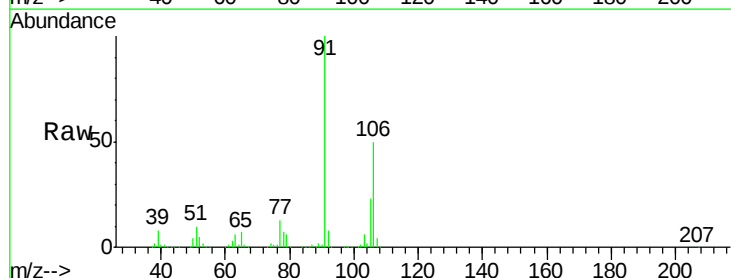
Acq: 31 Mar 2020 12:16

Tgt Ion: 106 Resp: 151563

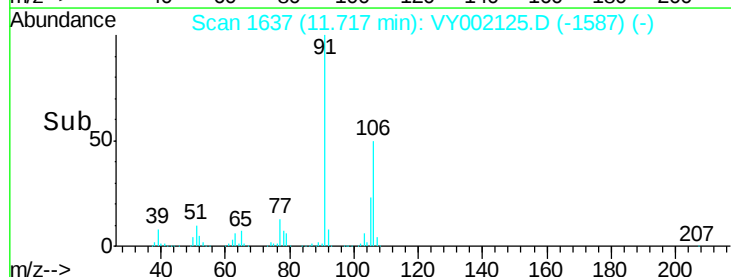
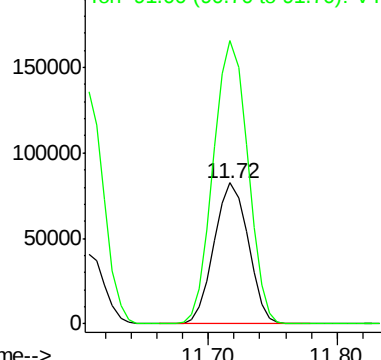
Ion Ratio Lower Upper

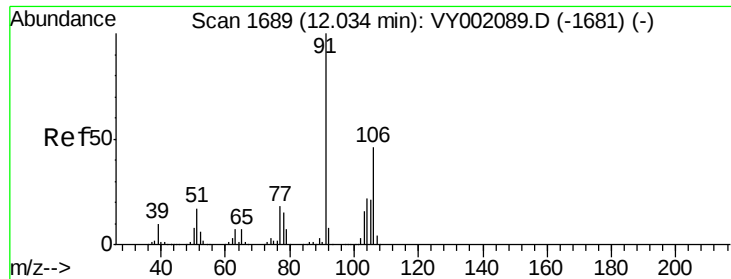
106 100

91 203.0 162.8 244.2



Abundance Ion 106.00 (105.70 to 106.70): VY002089.D (-1627) (-)

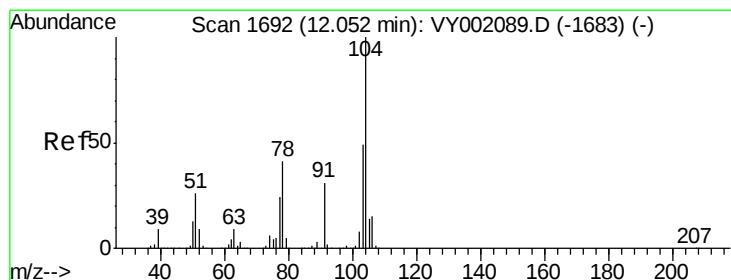
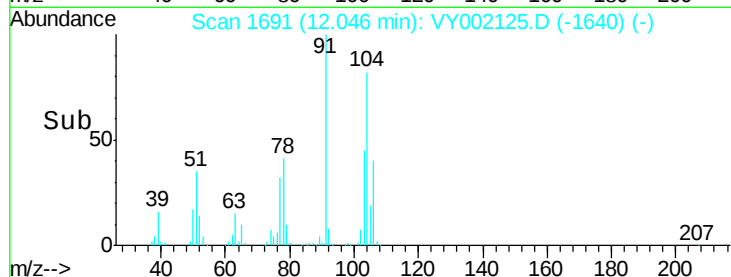
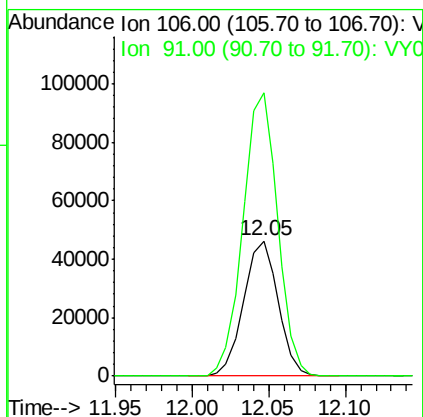
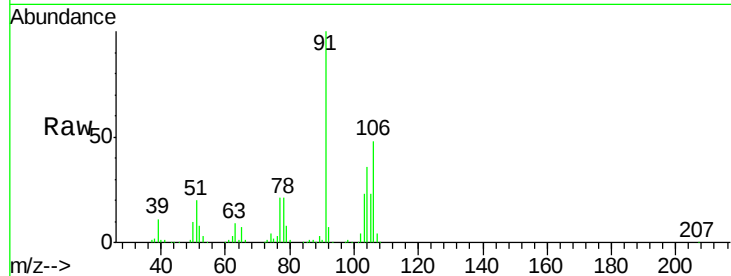




#69
o-Xylene
Concen: 21.21 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. 0.01 min
Lab File: VY002125.D
Acq: 31 Mar 2020 12:16

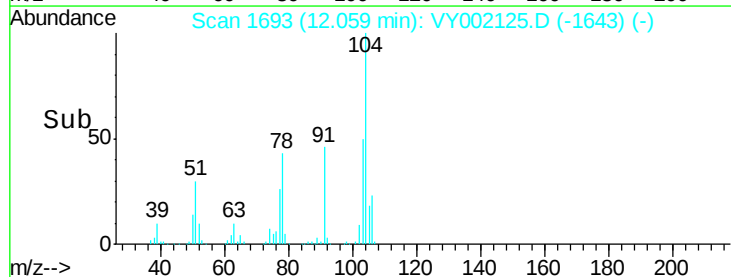
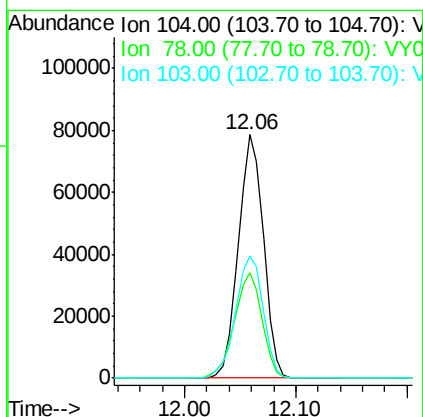
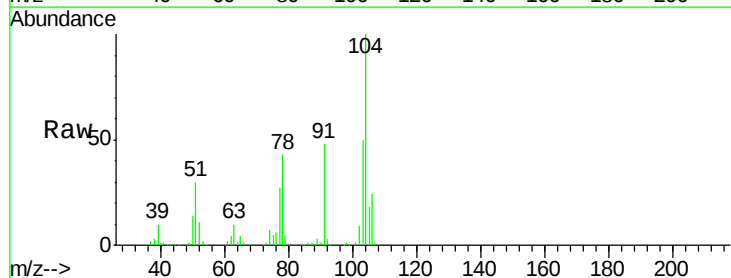
Instrument :
MSVOA_Y
ClientSampleId :
VY0331SBS01

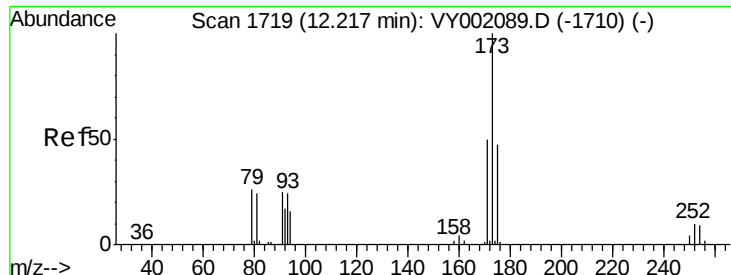
Tgt Ion:106 Resp: 72340
Ion Ratio Lower Upper
106 100
91 210.8 107.3 321.8



#70
Styrene
Concen: 20.76 ug/l
RT: 12.06 min Scan# 1693
Delta R.T. 0.01 min
Lab File: VY002125.D
Acq: 31 Mar 2020 12:16

Tgt Ion:104 Resp: 122681
Ion Ratio Lower Upper
104 100
78 47.6 37.9 56.9
103 55.0 43.2 64.8





#71

Bromoform

Concen: 20.46 ug/l

RT: 12.22 min Scan# 1720

Delta R.T. 0.01 min

Lab File: VY002125.D

Acq: 31 Mar 2020 12:16

Instrument :

MSVOA_Y

ClientSampleId :

VY0331SBS01

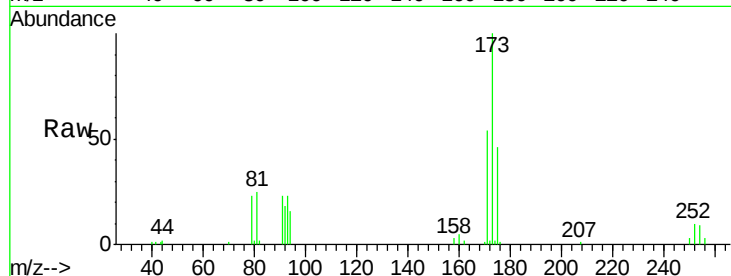
Tgt Ion:173 Resp: 19623

Ion Ratio Lower Upper

173 100

175 47.1 23.9 71.8

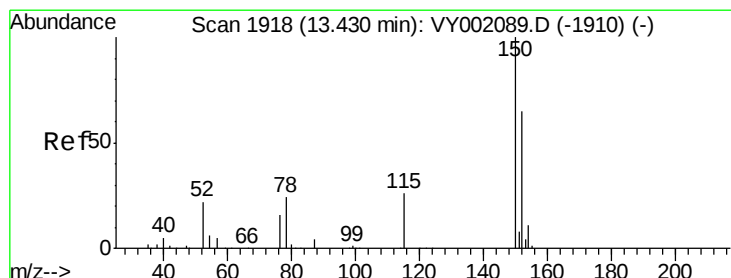
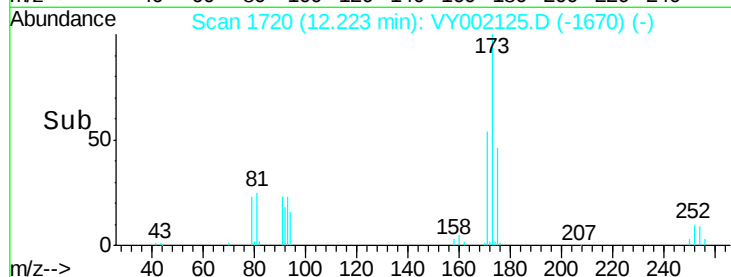
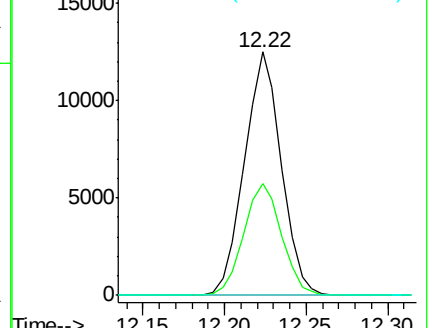
254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.44 min Scan# 1920

Delta R.T. 0.01 min

Lab File: VY002125.D

Acq: 31 Mar 2020 12:16

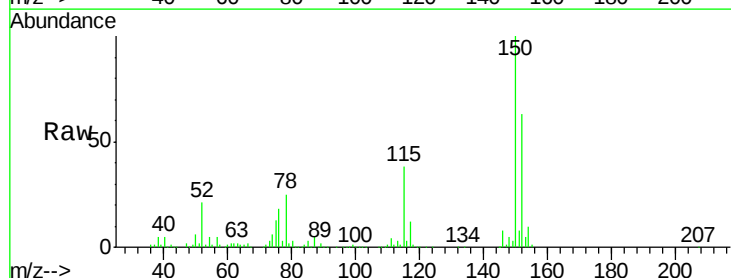
Tgt Ion:152 Resp: 123484

Ion Ratio Lower Upper

152 100

115 62.2 31.2 93.6

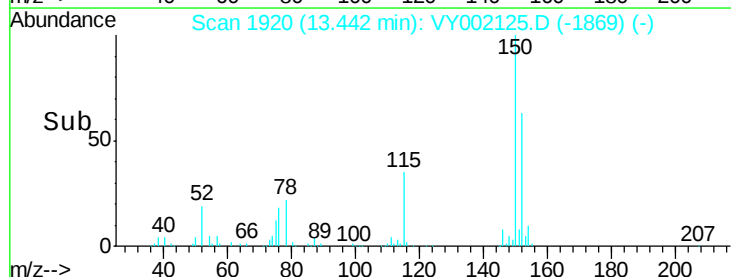
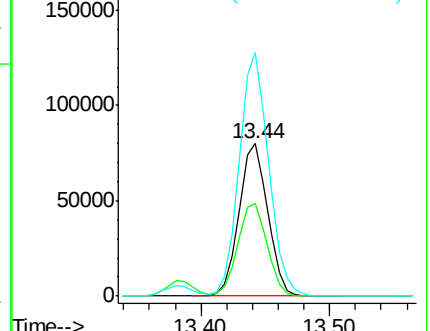
150 163.9 0.0 354.8

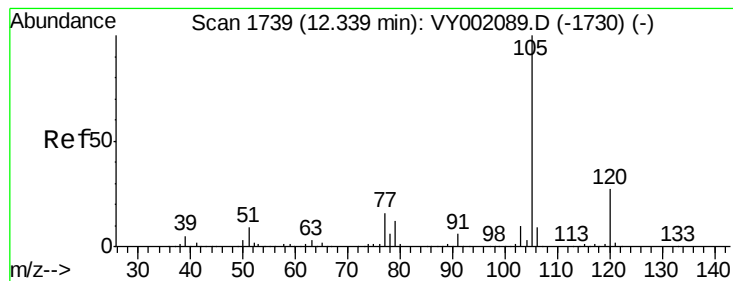


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.96 ug/l

RT: 12.35 min Scan# 1740

Delta R.T. 0.01 min

Lab File: VY002125.D

Acq: 31 Mar 2020 12:16

Instrument :

MSVOA_Y

ClientSampleId :

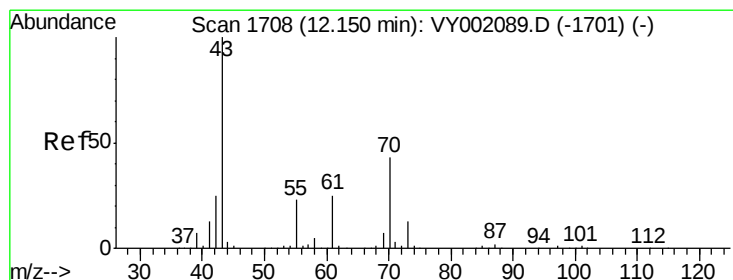
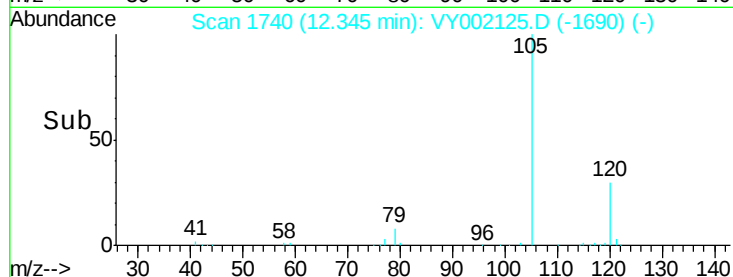
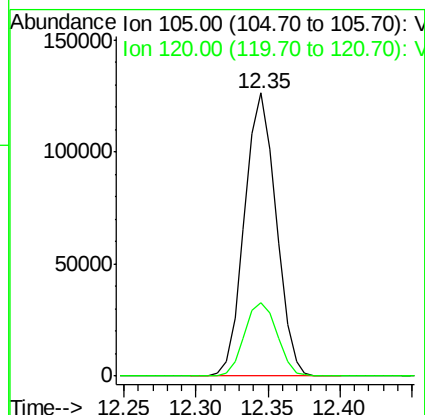
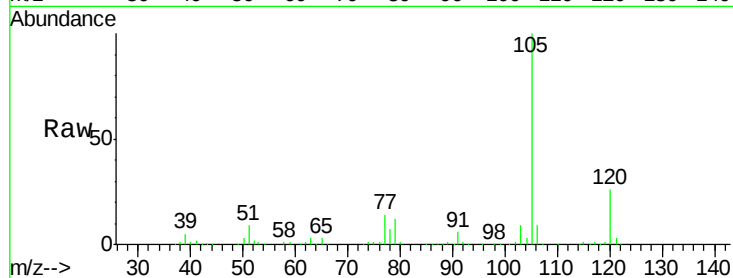
VY0331SBS01

Tgt Ion: 105 Resp: 192035

Ion Ratio Lower Upper

105 100

120 26.7 13.3 39.8



#74

N-ethyl acetate

Concen: 19.44 ug/l

RT: 12.16 min Scan# 1709

Delta R.T. 0.01 min

Lab File: VY002125.D

Acq: 31 Mar 2020 12:16

Tgt Ion: 43 Resp: 56172

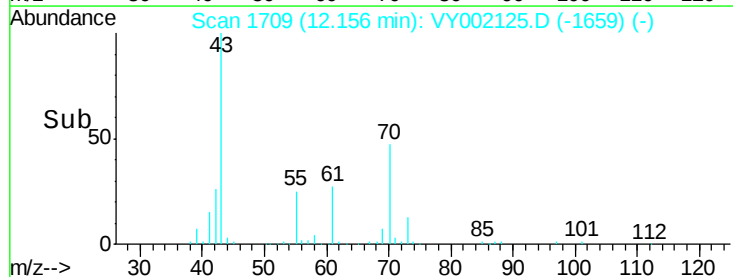
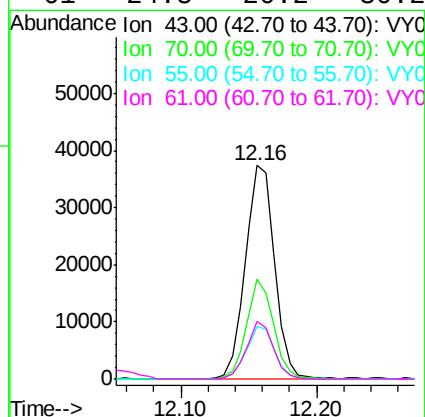
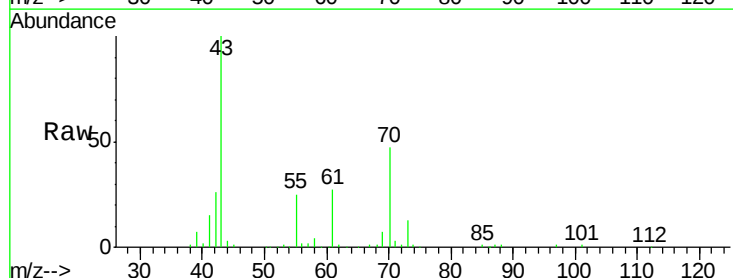
Ion Ratio Lower Upper

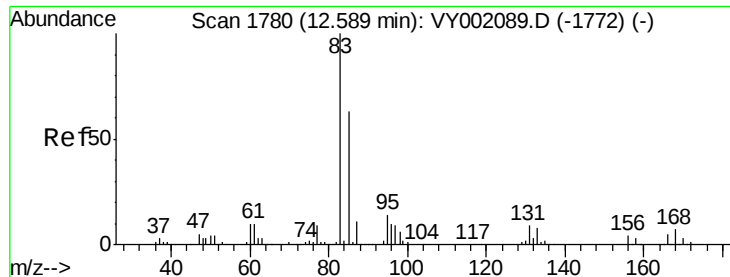
43 100

70 43.6 35.0 52.4

55 23.8 18.7 28.1

61 24.8 20.2 30.2





#75

1,1,2,2-Tetrachloroethane

Concen: 20.69 ug/l

RT: 12.60 min Scan# 1782

Delta R.T. 0.01 min

Lab File: VY002125.D

Acq: 31 Mar 2020 12:16

Instrument :

MSVOA_Y

ClientSampleId :

VY0331SBS01

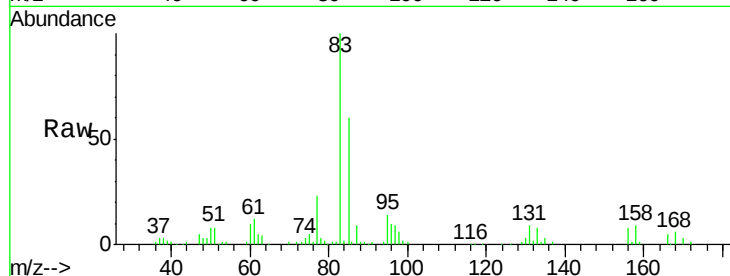
Tgt Ion: 83 Resp: 40791

Ion Ratio Lower Upper

83 100

131 9.6 4.7 14.1

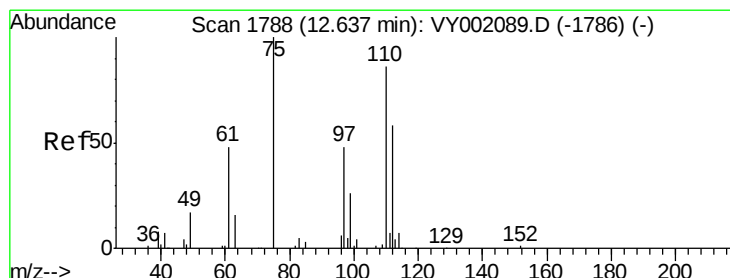
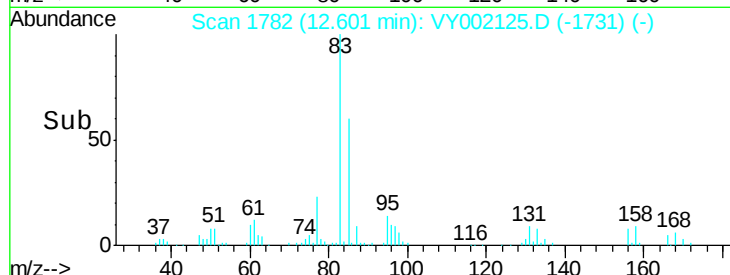
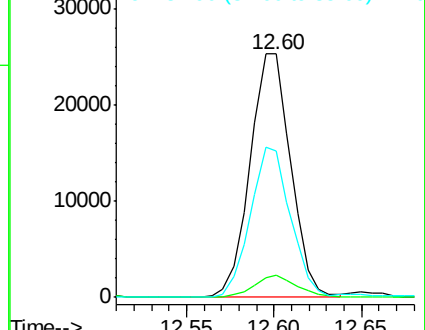
85 61.7 32.4 97.0



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: 37.30 ug/l

RT: 12.65 min Scan# 1790

Delta R.T. 0.01 min

Lab File: VY002125.D

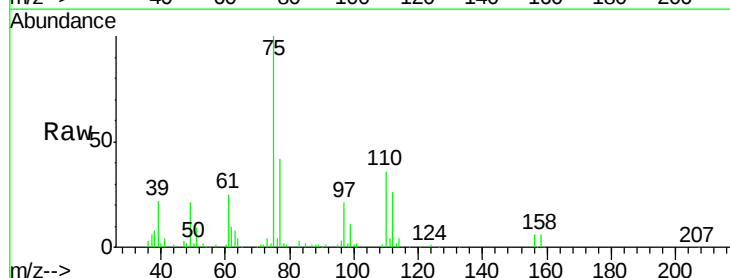
Acq: 31 Mar 2020 12:16

Tgt Ion: 75 Resp: 51524

Ion Ratio Lower Upper

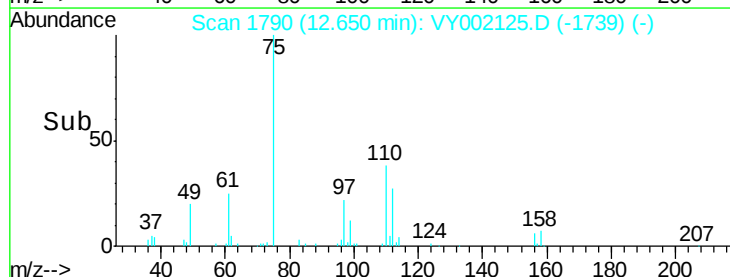
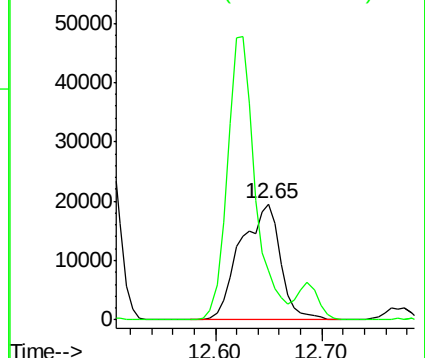
75 100

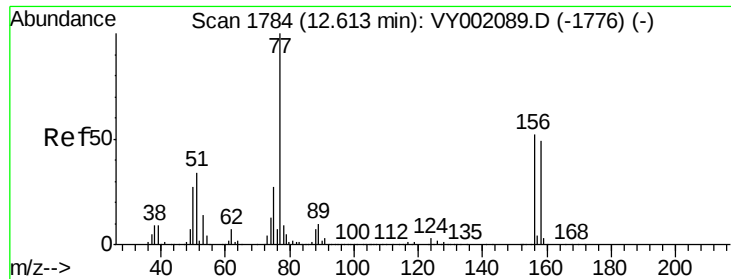
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 77.00 (76.70 to 77.70): VY0





#77

Bromobenzene

Concen: 21.15 ug/l

RT: 12.63 min Scan# 1786

Delta R.T. 0.01 min

Lab File: VY002125.D

Acq: 31 Mar 2020 12:16

Instrument :

MSVOA_Y

ClientSampleId :

VY0331SBS01

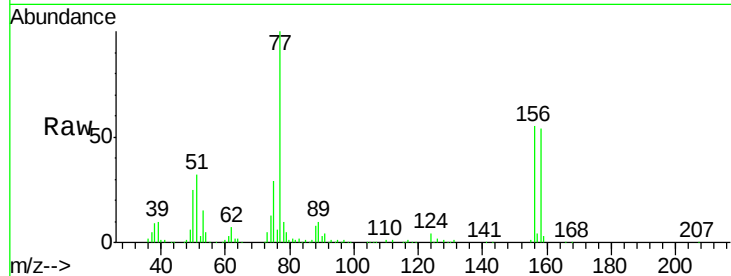
Tgt Ion:156 Resp: 41359

Ion Ratio Lower Upper

156 100

77 212.5 107.8 323.6

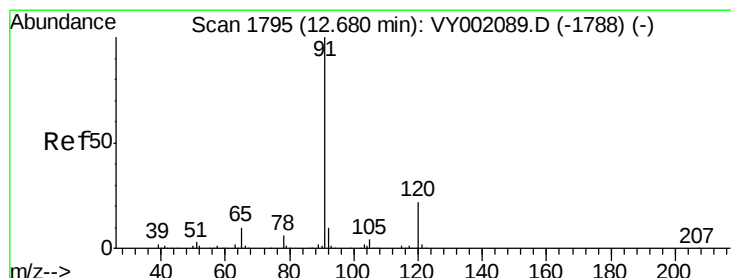
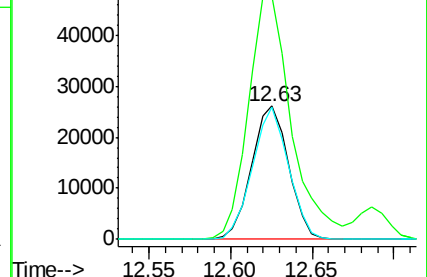
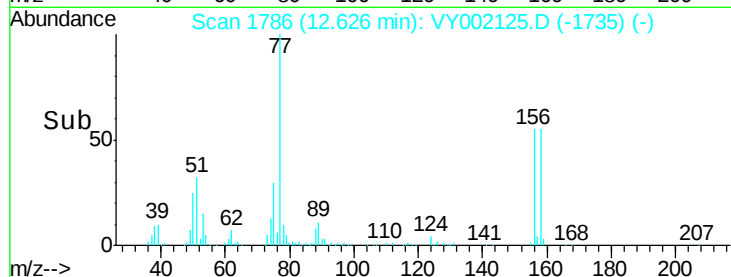
158 96.8 47.5 142.6



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: 21.13 ug/l

RT: 12.69 min Scan# 1796

Delta R.T. 0.01 min

Lab File: VY002125.D

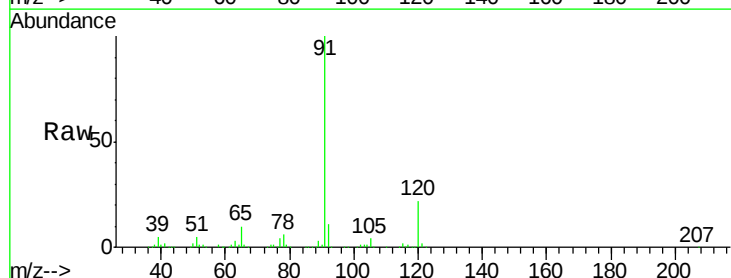
Acq: 31 Mar 2020 12:16

Tgt Ion: 91 Resp: 240179

Ion Ratio Lower Upper

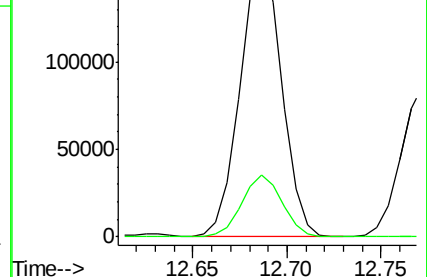
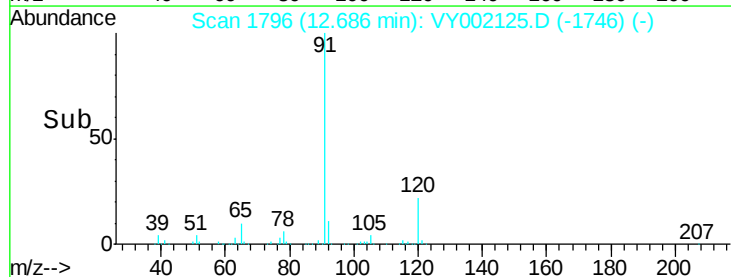
91 100

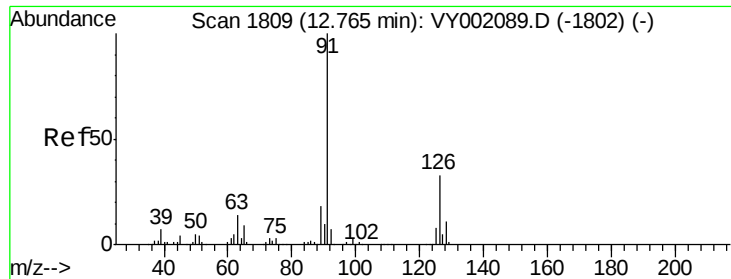
120 21.9 11.1 33.1



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 21.14 ug/l

RT: 12.77 min Scan# 1810

Delta R.T. 0.01 min

Lab File: VY002125.D

Acq: 31 Mar 2020 12:16

Instrument :

MSVOA_Y

ClientSampleId :

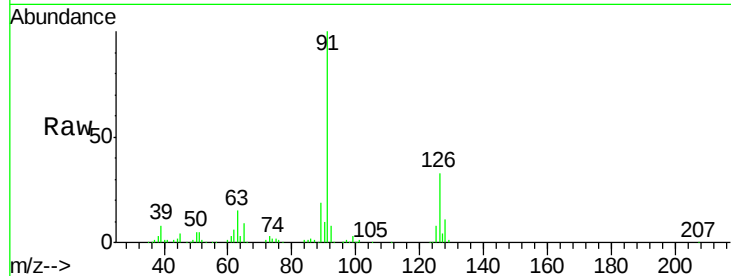
VY0331SBS01

Tgt Ion: 91 Resp: 131934

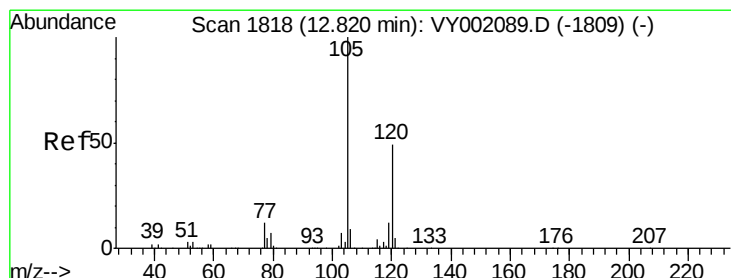
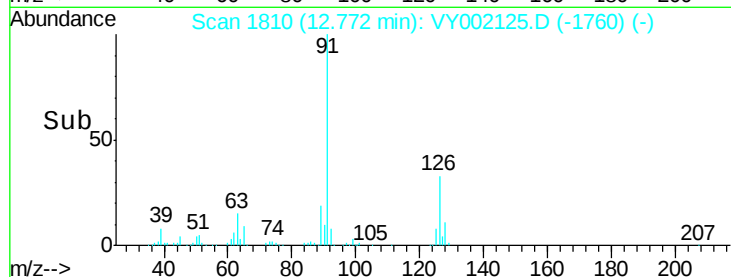
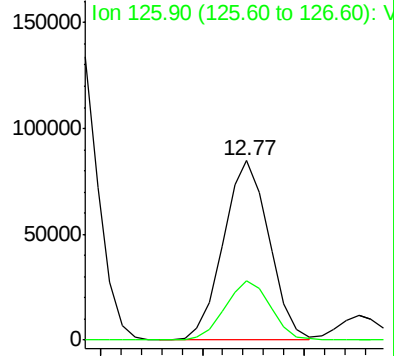
Ion Ratio Lower Upper

91 100

126 32.7 16.4 49.1



Abundance Ion 91.00 (90.70 to 91.70): VY002089.D (-1802) (-)



#80

1,3,5-Trimethylbenzene

Concen: 21.28 ug/l

RT: 12.83 min Scan# 1819

Delta R.T. 0.01 min

Lab File: VY002125.D

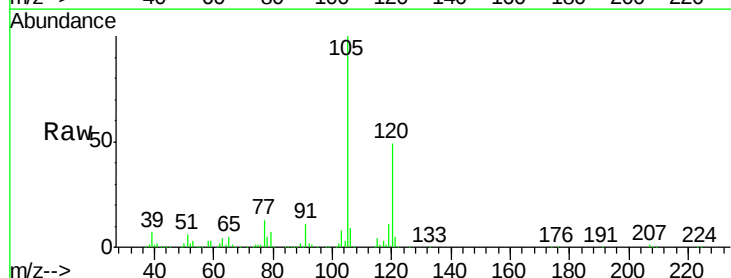
Acq: 31 Mar 2020 12:16

Tgt Ion: 105 Resp: 160787

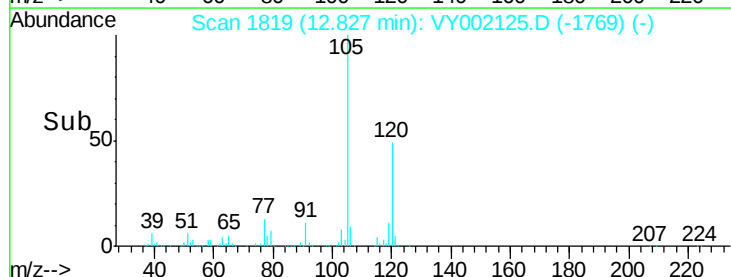
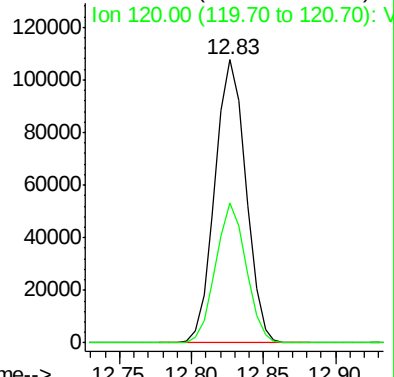
Ion Ratio Lower Upper

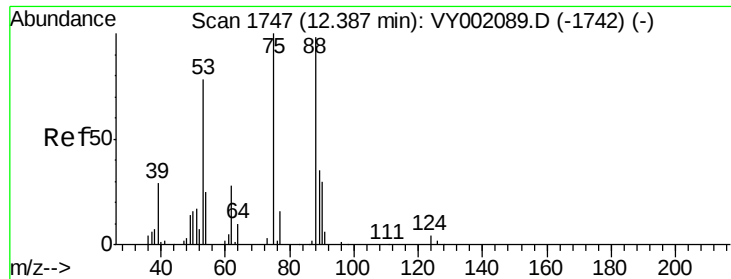
105 100

120 48.3 24.1 72.4



Abundance Ion 105.00 (104.70 to 105.70): VY002089.D (-1809) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 20.39 ug/l

RT: 12.39 min Scan# 1748

Delta R.T. 0.01 min

Lab File: VY002125.D

Acq: 31 Mar 2020 12:16

Instrument :

MSVOA_Y

ClientSampleId :

VY0331SBSD01

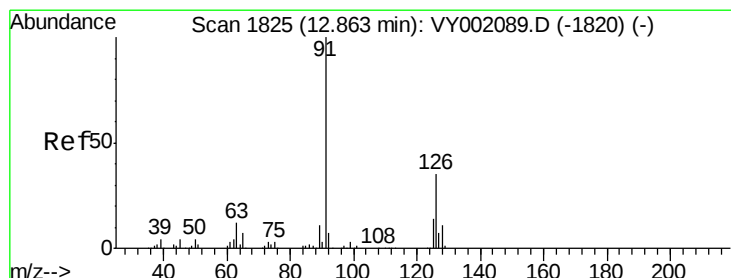
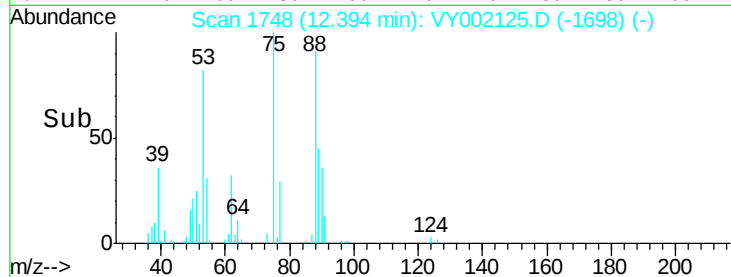
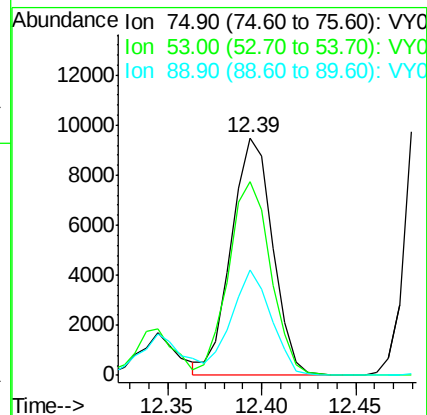
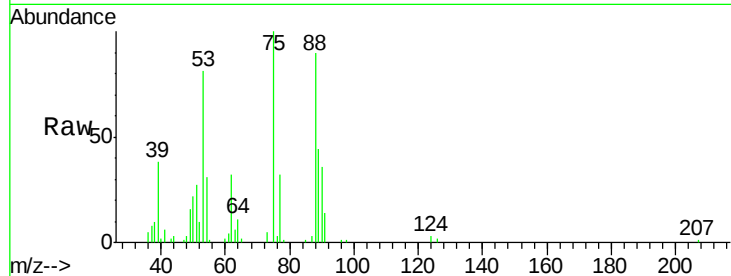
Tgt Ion: 75 Resp: 14539

Ion Ratio Lower Upper

75 100

53 83.1 65.0 97.4

89 42.5 33.4 50.0



#82

4-Chlorotoluene

Concen: 21.07 ug/l

RT: 12.87 min Scan# 1826

Delta R.T. 0.01 min

Lab File: VY002125.D

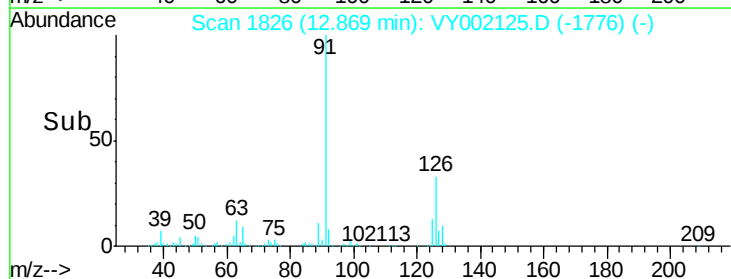
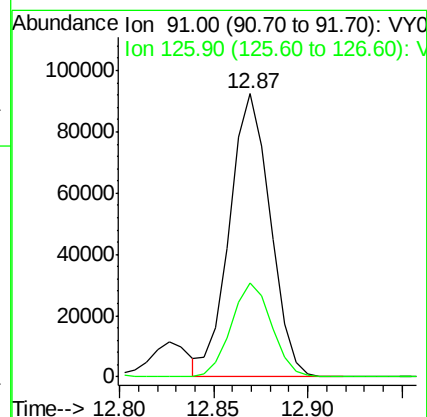
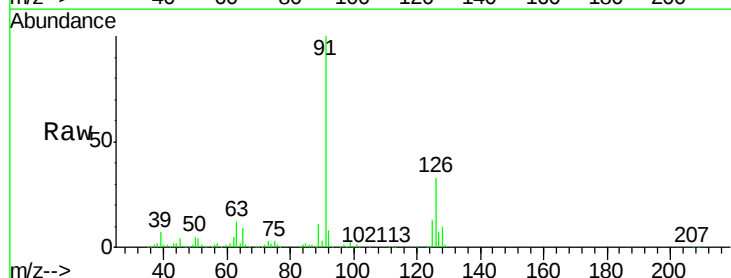
Acq: 31 Mar 2020 12:16

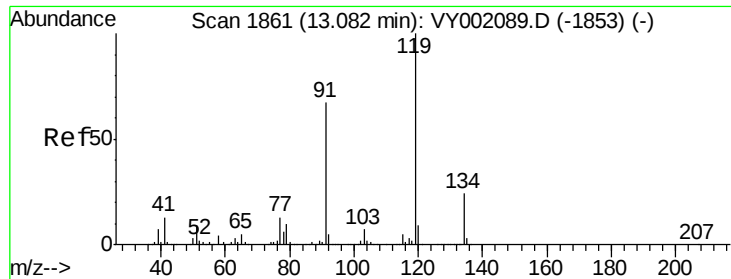
Tgt Ion: 91 Resp: 138593

Ion Ratio Lower Upper

91 100

126 33.1 16.3 48.9

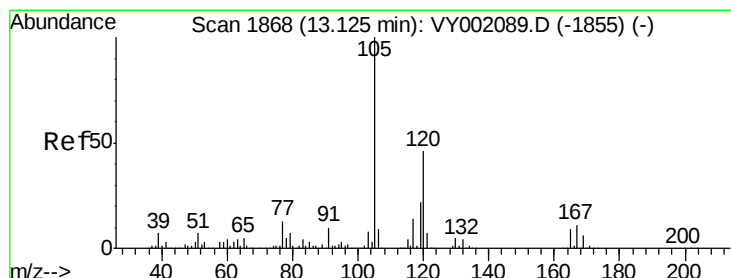
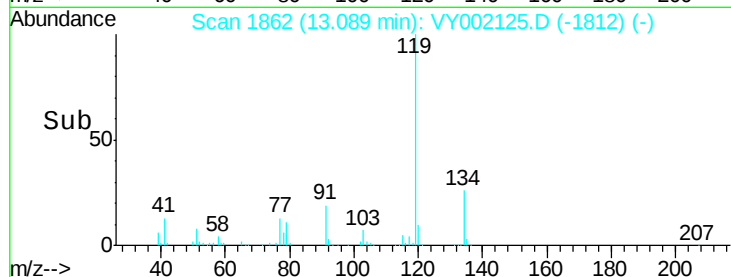
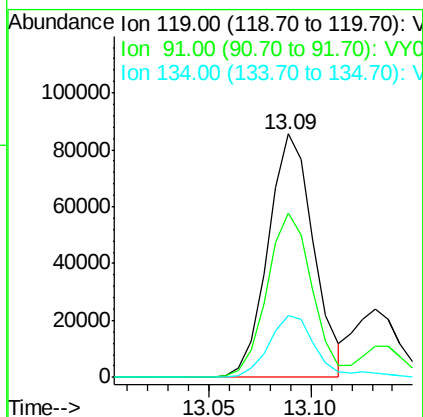
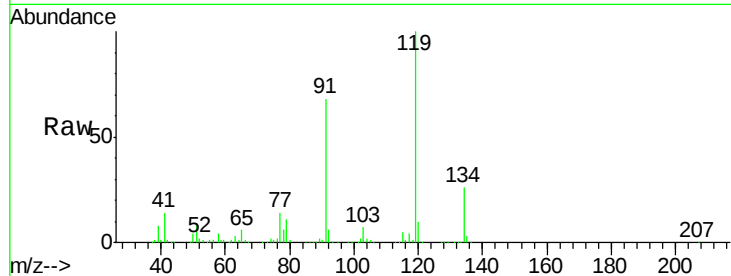




#83
 tert-Butylbenzene
 Concen: 21.11 ug/l
 RT: 13.09 min Scan# 1862
 Delta R.T. 0.01 min
 Lab File: VY002125.D
 Acq: 31 Mar 2020 12:16

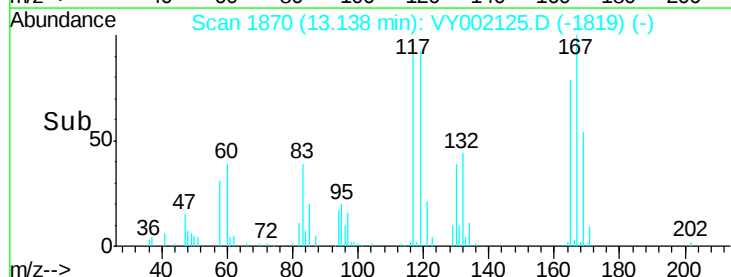
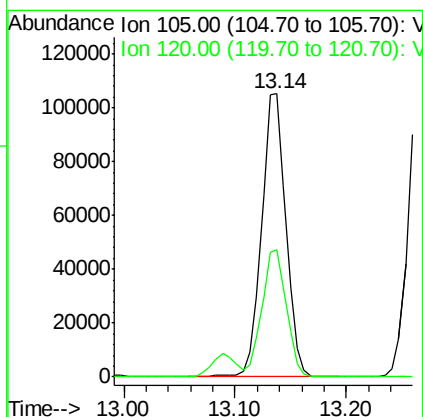
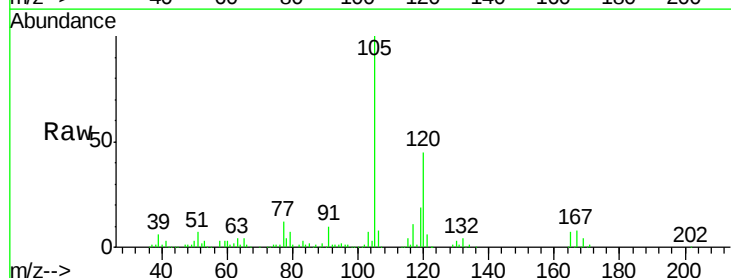
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0331SBSD01

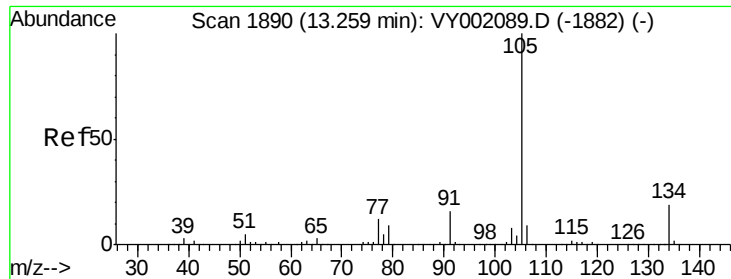
Tgt Ion:119 Resp: 133196
 Ion Ratio Lower Upper
 119 100
 91 67.4 32.9 98.6
 134 26.8 13.0 38.9



#84
 1,2,4-Trimethylbenzene
 Concen: 21.34 ug/l
 RT: 13.14 min Scan# 1870
 Delta R.T. 0.01 min
 Lab File: VY002125.D
 Acq: 31 Mar 2020 12:16

Tgt Ion:105 Resp: 160898
 Ion Ratio Lower Upper
 105 100
 120 45.3 22.9 68.5

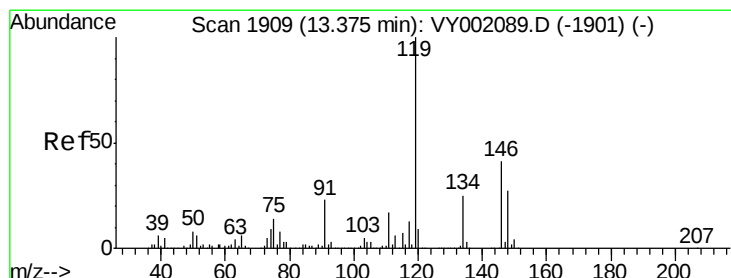
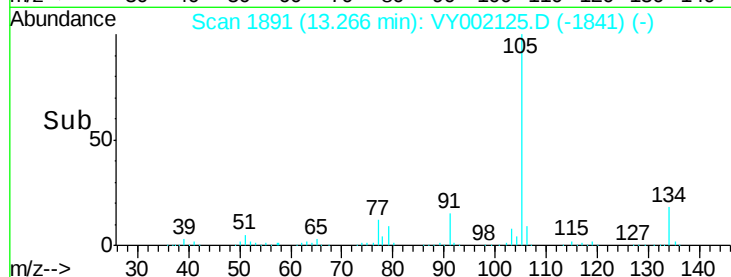
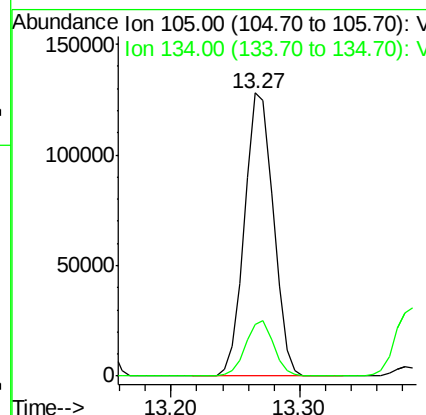
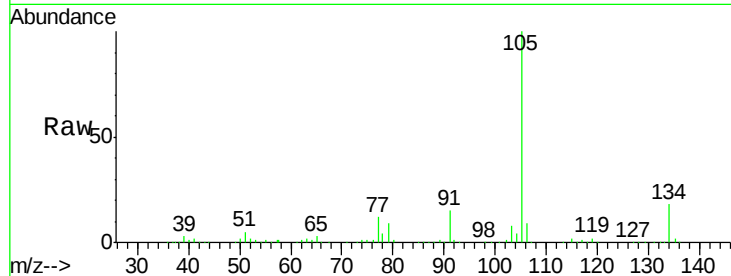




#85
 sec-Butylbenzene
 Concen: 21.14 ug/l
 RT: 13.27 min Scan# 1891
 Delta R.T. 0.01 min
 Lab File: VY002125.D
 Acq: 31 Mar 2020 12:16

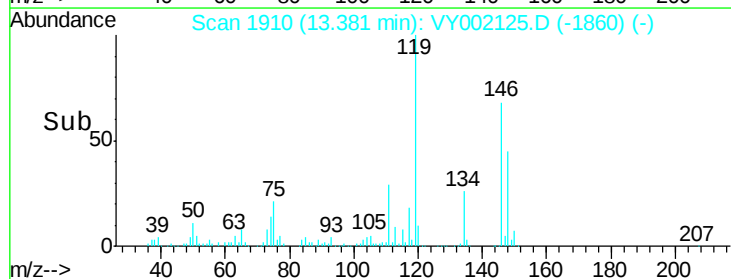
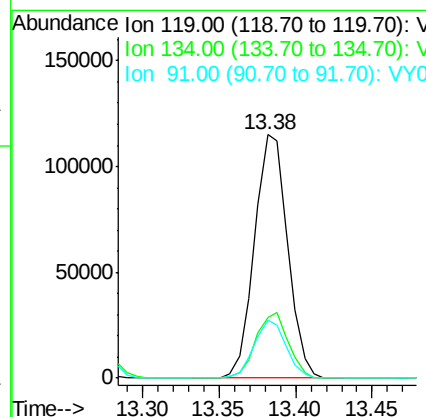
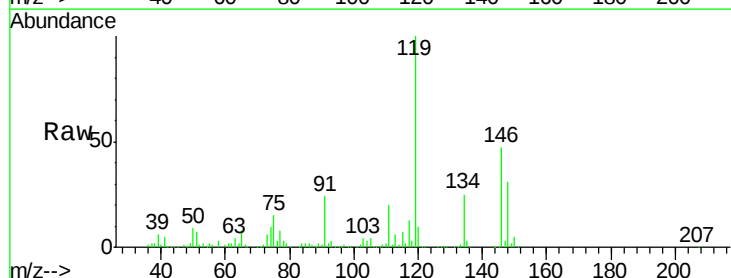
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0331SBS01

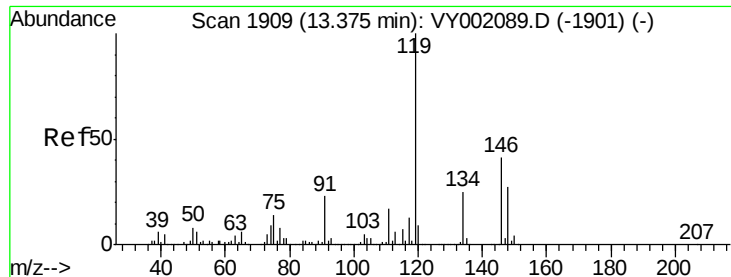
Tgt Ion:105 Resp: 197487
 Ion Ratio Lower Upper
 105 100
 134 19.0 9.7 29.1



#86
 p-Isopropyltoluene
 Concen: 21.65 ug/l
 RT: 13.38 min Scan# 1910
 Delta R.T. 0.01 min
 Lab File: VY002125.D
 Acq: 31 Mar 2020 12:16

Tgt Ion:119 Resp: 173748
 Ion Ratio Lower Upper
 119 100
 134 26.5 13.1 39.3
 91 23.3 11.8 35.3

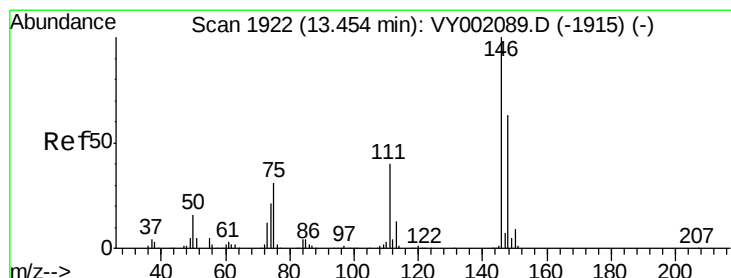
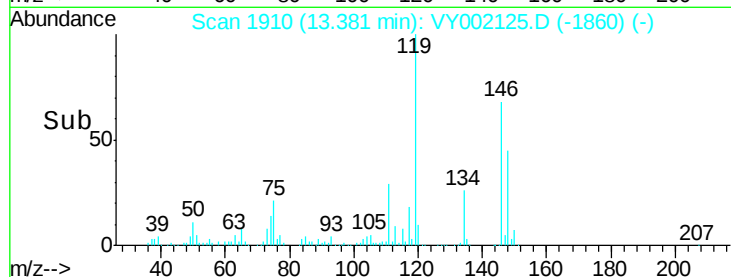
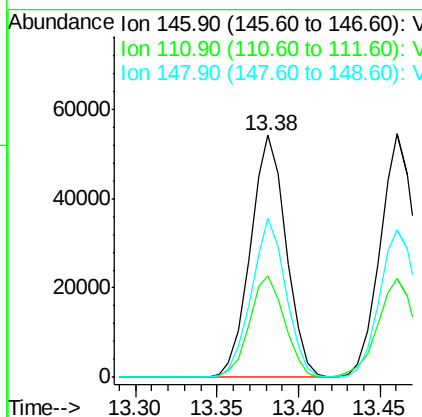
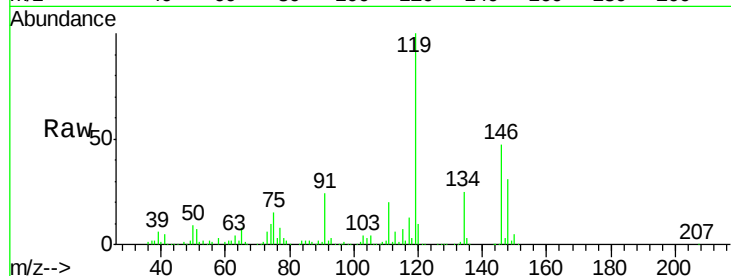




#87
 1,3-Dichlorobenzene
 Concen: 21.51 ug/l
 RT: 13.38 min Scan# 1910
 Delta R.T. 0.01 min
 Lab File: VY002125.D
 Acq: 31 Mar 2020 12:16

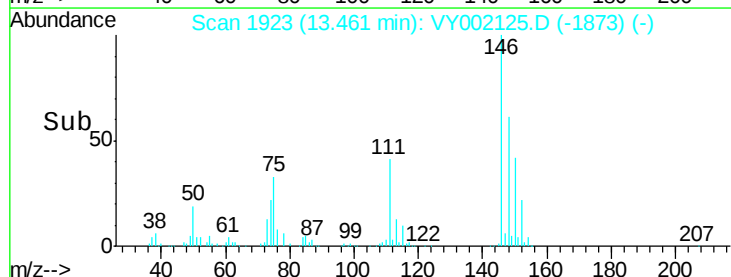
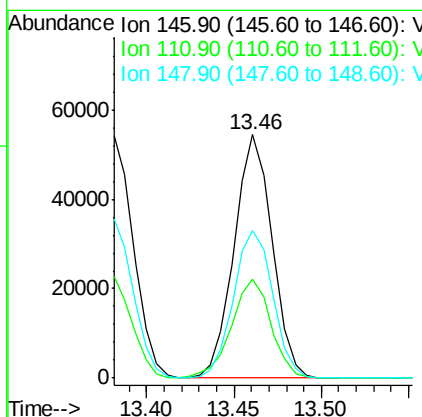
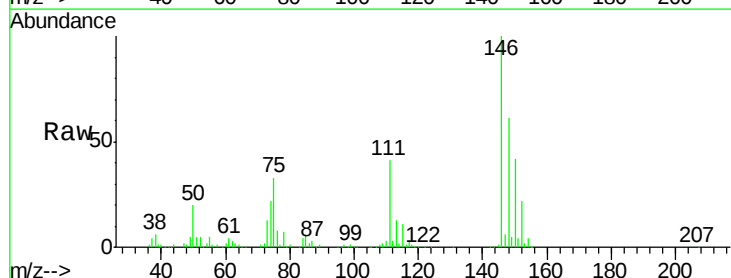
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0331SBSD01

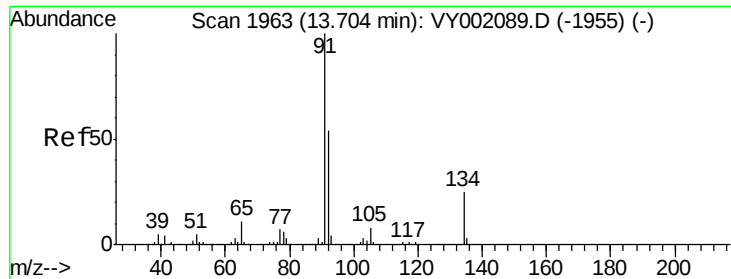
Tgt Ion:146 Resp: 82274
 Ion Ratio Lower Upper
 146 100
 111 41.4 20.9 62.8
 148 63.7 32.1 96.5



#88
 1,4-Dichlorobenzene
 Concen: 21.41 ug/l
 RT: 13.46 min Scan# 1923
 Delta R.T. 0.01 min
 Lab File: VY002125.D
 Acq: 31 Mar 2020 12:16

Tgt Ion:146 Resp: 82409
 Ion Ratio Lower Upper
 146 100
 111 42.4 20.3 60.9
 148 62.8 31.5 94.5

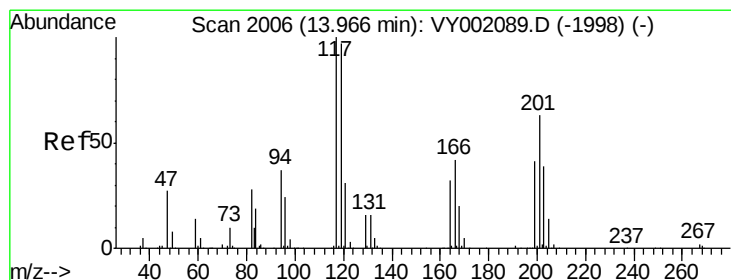
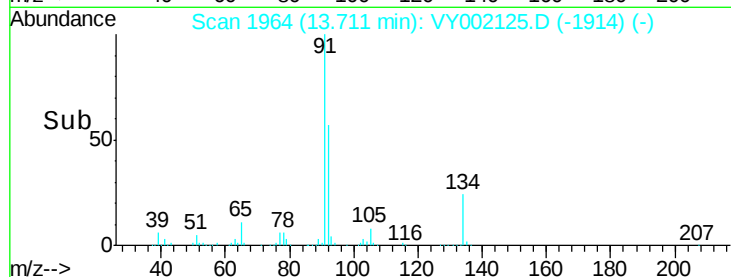
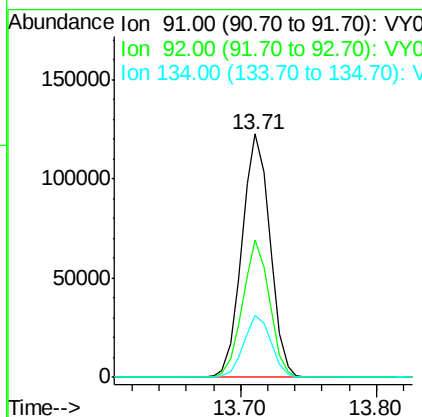
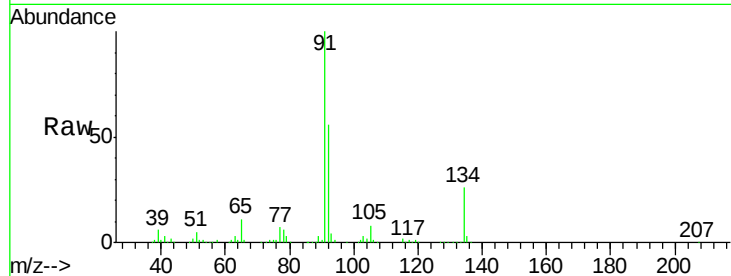




#89
n-Butylbenzene
Concen: 21.20 ug/l
RT: 13.71 min Scan# 1964
Delta R.T. 0.01 min
Lab File: VY002125.D
Acq: 31 Mar 2020 12:16

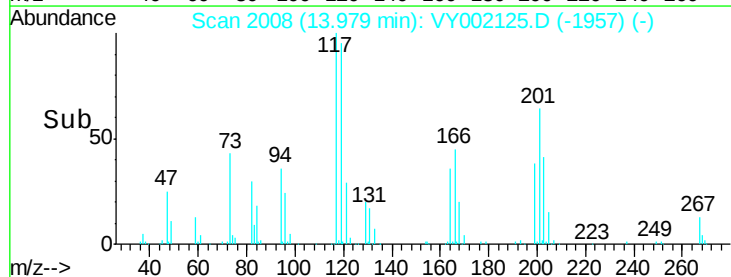
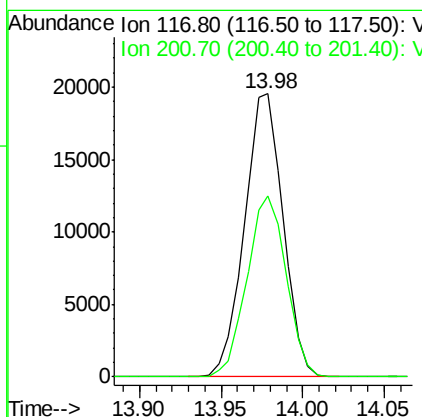
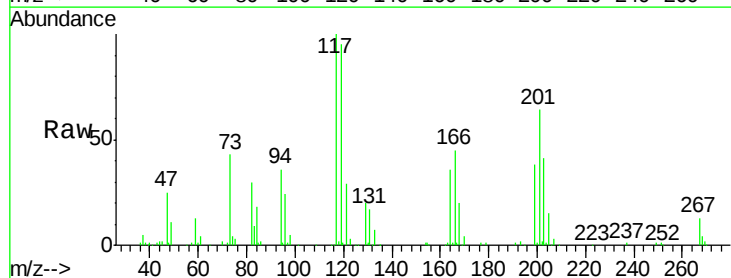
Instrument :
MSVOA_Y
ClientSampleId :
VY0331SBS01

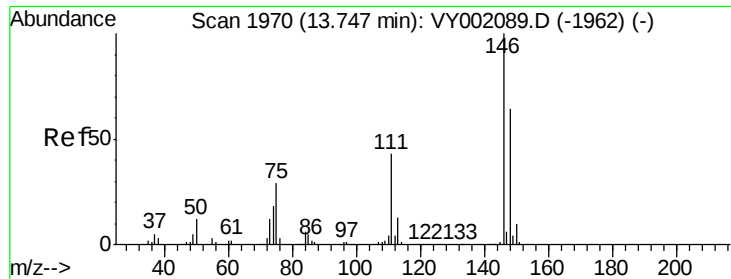
Tgt Ion: 91 Resp: 177269
Ion Ratio Lower Upper
91 100
92 53.8 27.0 81.0
134 24.7 12.3 36.8



#90
Hexachloroethane
Concen: 21.31 ug/l
RT: 13.98 min Scan# 2008
Delta R.T. 0.01 min
Lab File: VY002125.D
Acq: 31 Mar 2020 12:16

Tgt Ion: 117 Resp: 32221
Ion Ratio Lower Upper
117 100
201 65.0 31.6 94.8

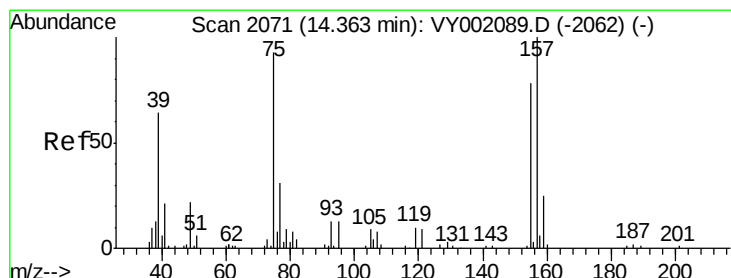
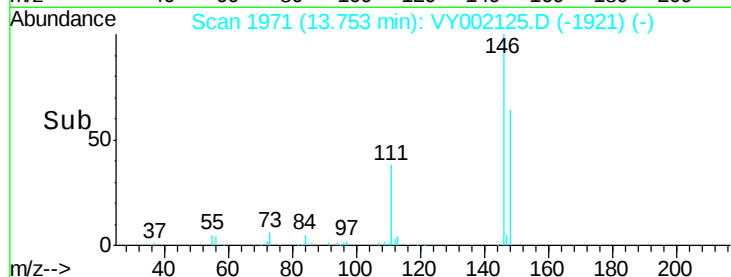
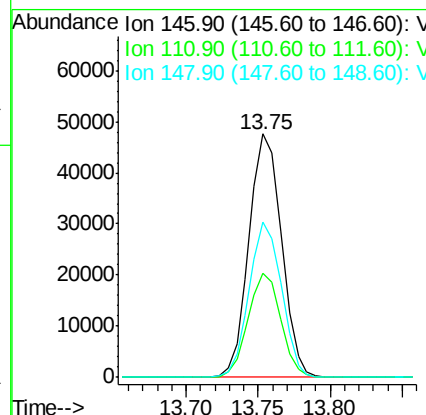
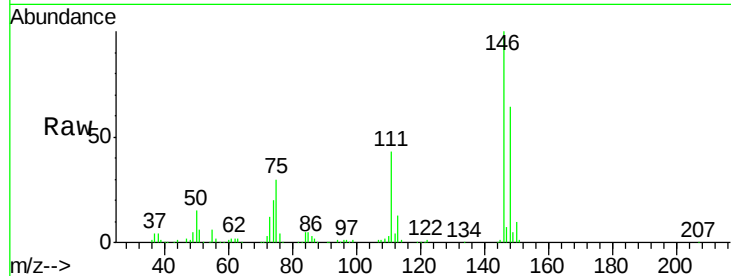




#91
 1,2-Dichlorobenzene
 Concen: 21.12 ug/l
 RT: 13.75 min Scan# 1971
 Delta R.T. 0.01 min
 Lab File: VY002125.D
 Acq: 31 Mar 2020 12:16

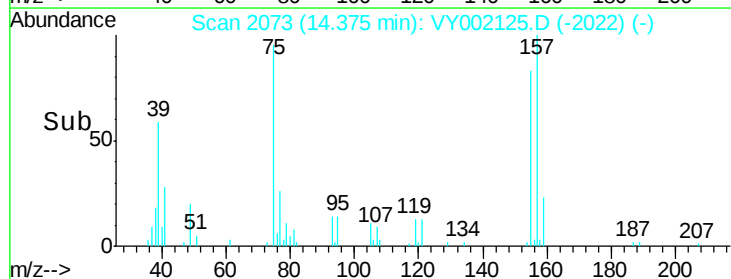
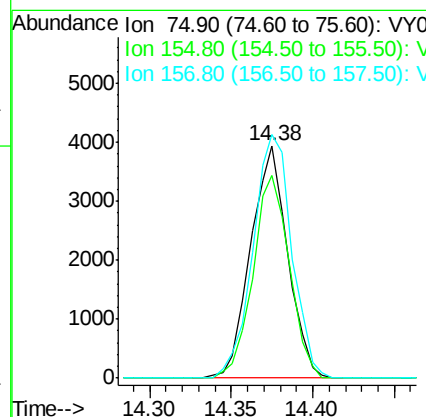
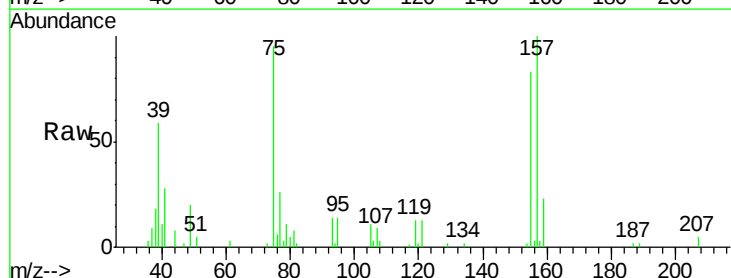
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0331SBS01

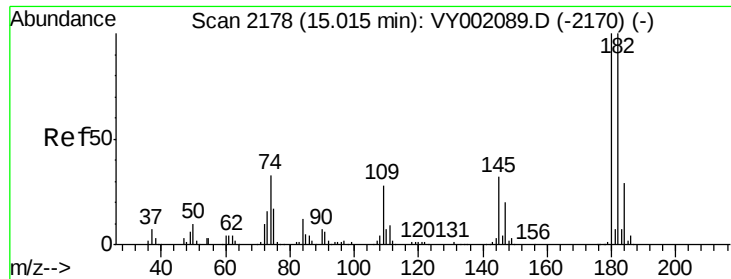
Tgt Ion:146 Resp: 74597
 Ion Ratio Lower Upper
 146 100
 111 42.7 21.3 63.7
 148 63.3 31.8 95.4



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.66 ug/l
 RT: 14.38 min Scan# 2073
 Delta R.T. 0.01 min
 Lab File: VY002125.D
 Acq: 31 Mar 2020 12:16

Tgt Ion: 75 Resp: 6209
 Ion Ratio Lower Upper
 75 100
 155 85.7 41.6 124.9
 157 110.1 53.4 160.3

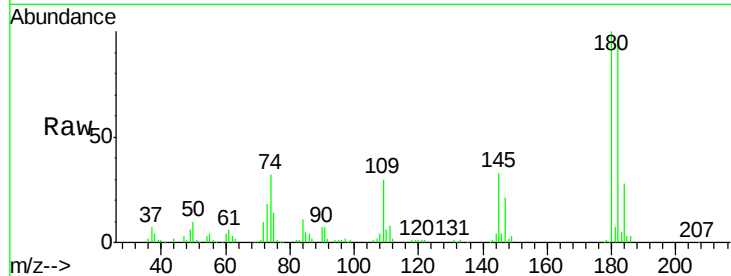




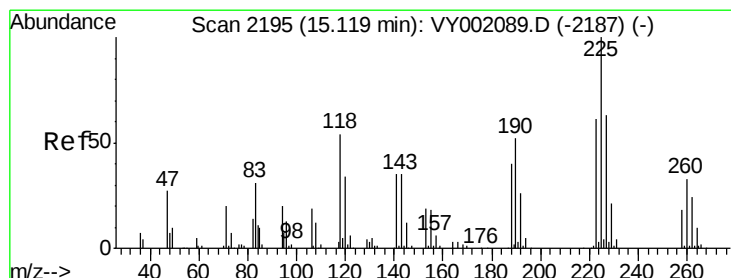
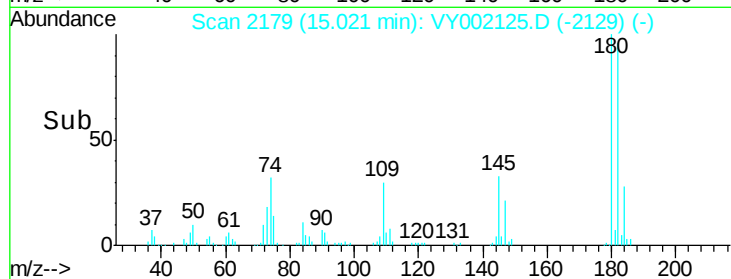
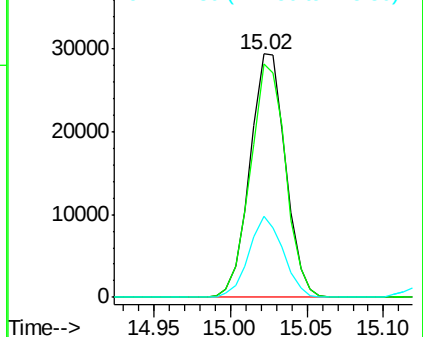
#93
 1,2,4-Trichlorobenzene
 Concen: 20.93 ug/l
 RT: 15.02 min Scan# 2179
 Delta R.T. 0.01 min
 Lab File: VY002125.D
 Acq: 31 Mar 2020 12:16

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0331SBS01

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.0	48.1	144.3
145	32.0	15.9	47.6

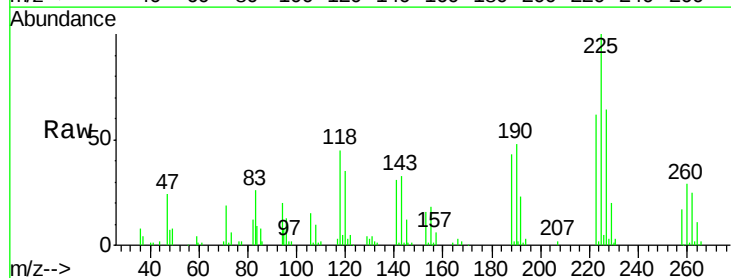


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

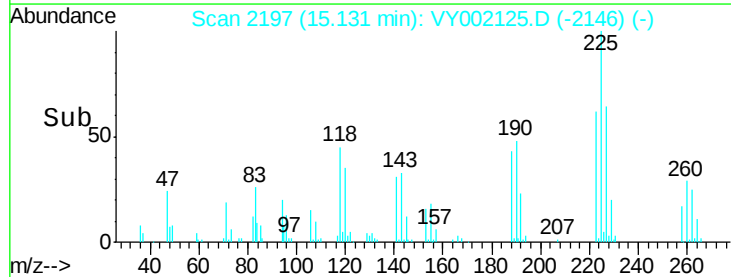
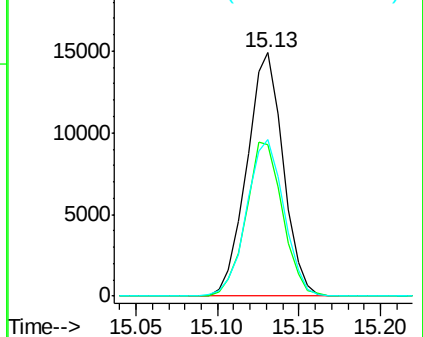


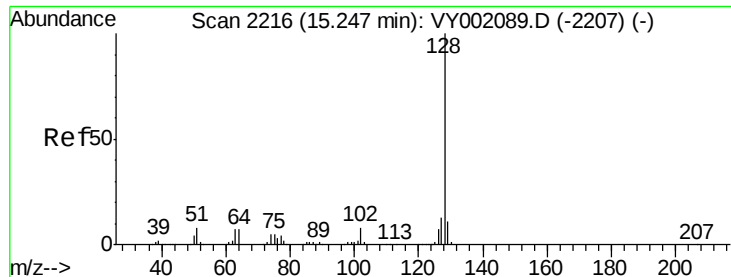
#94
 Hexachlorobutadiene
 Concen: 20.57 ug/l
 RT: 15.13 min Scan# 2197
 Delta R.T. 0.01 min
 Lab File: VY002125.D
 Acq: 31 Mar 2020 12:16

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.7	31.1	93.3
227	66.1	31.6	94.7



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

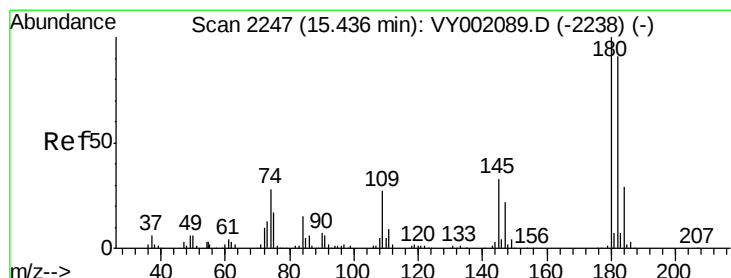
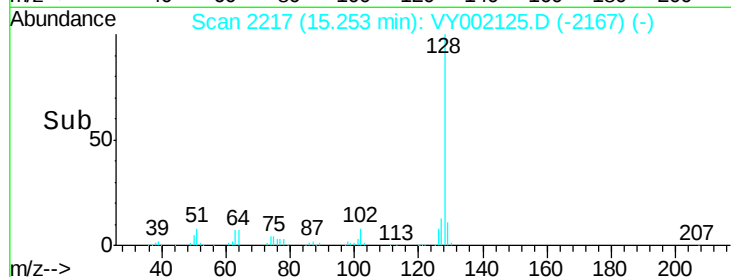
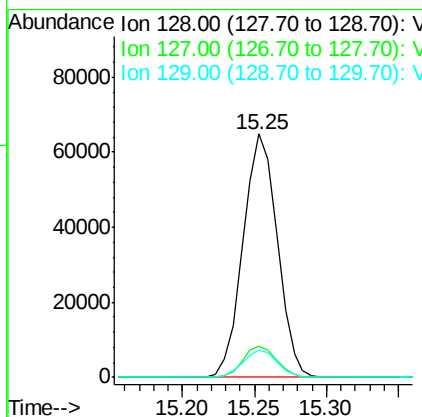
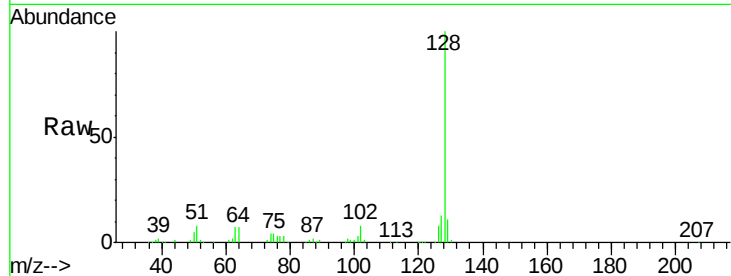




#95
Naphthalene
Concen: 19.68 ug/l
RT: 15.25 min Scan# 2217
Delta R.T. 0.01 min
Lab File: VY002125.D
Acq: 31 Mar 2020 12:16

Instrument :
MSVOA_Y
ClientSampleId :
VY0331SBSD01

Tgt Ion:128 Resp: 106453
Ion Ratio Lower Upper
128 100
127 12.6 9.8 14.8
129 11.2 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 20.53 ug/l
RT: 15.44 min Scan# 2248
Delta R.T. 0.01 min
Lab File: VY002125.D
Acq: 31 Mar 2020 12:16

Tgt Ion:180 Resp: 42393
Ion Ratio Lower Upper
180 100
182 94.4 46.8 140.3
145 32.5 16.7 50.1

