

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY013020\
 Data File : VY001427.D
 Acq On : 30 Jan 2020 14:09
 Operator : SY/MD
 Sample : VY0130SBS01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0130SBS01

Quant Time: Jan 30 15:25:13 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y012120S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 23 01:21:47 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.83	168	187350	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.72	114	326924	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.51	117	288405	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.44	152	137924	50.00	ug/l	0.01

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.18	65	104381	51.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.40%	
35) Dibromofluoromethane	7.75	113	98231	51.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.40%	
50) Toluene-d8	10.20	98	398599	53.47	ug/l	0.01
Spiked Amount	50.000		Recovery	=	106.94%	
62) 4-Bromofluorobenzene	12.50	95	148121	49.89	ug/l	0.01
Spiked Amount	50.000		Recovery	=	99.78%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.92	85	32050	21.69	ug/l	97
3) Chloromethane	2.13	50	47332	21.20	ug/l	97
4) Vinyl Chloride	2.27	62	48471	20.82	ug/l	98
5) Bromomethane	2.66	94	33115	21.12	ug/l	97
6) Chloroethane	2.82	64	30784	20.69	ug/l	91
7) Trichlorofluoromethane	3.15	101	64905	21.79	ug/l	97
8) Diethyl Ether	3.57	74	25734	20.46	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.94	101	40837	21.53	ug/l	98
10) Methyl Iodide	4.13	142	48832	19.52	ug/l	99
11) Tert butyl alcohol	5.00	59	35303	128.31	ug/l #	94
12) 1,1-Dichloroethene	3.91	96	41861	21.04	ug/l	91
13) Acrolein	3.77	56	18771	117.29	ug/l	98
14) Allyl chloride	4.52	41	74233	20.93	ug/l	98
15) Acrylonitrile	5.22	53	69201	107.50	ug/l	100
16) Acetone	3.99	43	65811	118.56	ug/l	94
17) Carbon Disulfide	4.23	76	128265	20.50	ug/l	99
18) Methyl Acetate	4.52	43	36111	21.00	ug/l	99
19) Methyl tert-butyl Ether	5.27	73	118604	20.36	ug/l	100
20) Methylene Chloride	4.77	84	55184	19.32	ug/l	98
21) trans-1,2-Dichloroethene	5.27	96	47258	20.45	ug/l	97
22) Diisopropyl ether	6.17	45	152565	20.25	ug/l	95
23) Vinyl Acetate	6.11	43	500777	102.40	ug/l	99
24) 1,1-Dichloroethane	6.07	63	81905	20.63	ug/l	98
25) 2-Butanone	7.03	43	98448	110.95	ug/l	99
26) 2,2-Dichloropropane	7.03	77	72506	20.50	ug/l	100
27) cis-1,2-Dichloroethene	7.03	96	52973	20.51	ug/l	97
28) Bromochloromethane	7.38	49	31246	19.08	ug/l	100
29) Tetrahydrofuran	7.39	42	61416	106.39	ug/l	97
30) Chloroform	7.55	83	79799	20.50	ug/l	100
31) Cyclohexane	7.82	56	84186	21.36	ug/l	94
32) 1,1,1-Trichloroethane	7.74	97	67890	20.66	ug/l	99
36) 1,1-Dichloropropene	7.96	75	64868	21.00	ug/l	99
37) Ethyl Acetate	7.11	43	41516	22.00	ug/l	99
38) Carbon Tetrachloride	7.94	117	58796	21.36	ug/l	96

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 Sample : VY0130SBS01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0130SBS01

Quant Time: Jan 30 15:25:13 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y012120S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 23 01:21:47 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.21	83	87164	22.03	ug/l	99
40) Benzene	8.19	78	192894	20.83	ug/l	98
41) Methacrylonitrile	7.39	41	55251	56.74	ug/l #	100
42) 1,2-Dichloroethane	8.27	62	52724	20.38	ug/l	98
43) Isopropyl Acetate	8.31	43	77218	21.04	ug/l	98
44) Trichloroethene	8.97	130	49861	20.98	ug/l	100
45) 1,2-Dichloropropane	9.24	63	49003	20.93	ug/l	99
46) Dibromomethane	9.33	93	25661	20.42	ug/l	97
47) Bromodichloromethane	9.52	83	62235	20.71	ug/l	99
48) Methyl methacrylate	9.32	41	35185	21.09	ug/l	98
49) 1,4-Dioxane	9.33	88	7593	428.40	ug/l	92
51) 4-Methyl-2-Pentanone	10.10	43	202031	106.91	ug/l	100
52) Toluene	10.27	92	121074	20.62	ug/l	97
53) t-1,3-Dichloropropene	10.49	75	67906	20.39	ug/l	98
54) cis-1,3-Dichloropropene	9.95	75	79382	20.77	ug/l	98
55) 1,1,2-Trichloroethane	10.67	97	38207	20.60	ug/l	97
56) Ethyl methacrylate	10.53	69	57998	20.69	ug/l	98
57) 1,3-Dichloropropane	10.81	76	67287	20.82	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.81	63	110852	114.26	ug/l	98
59) 2-Hexanone	10.85	43	148300	112.73	ug/l	100
60) Dibromochloromethane	11.00	129	42220	20.35	ug/l	99
61) 1,2-Dibromoethane	11.11	107	36949	21.07	ug/l	100
64) Tetrachloroethene	10.74	164	40286	21.87	ug/l	97
65) Chlorobenzene	11.53	112	126085	20.74	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.61	131	43716	21.07	ug/l	100
67) Ethyl Benzene	11.61	91	238289	21.27	ug/l	97
68) m/p-Xylenes	11.72	106	175366	41.91	ug/l	99
69) o-Xylene	12.05	106	84824	21.07	ug/l	98
70) Styrene	12.06	104	144100	20.40	ug/l	99
71) Bromoform	12.22	173	25063	20.24	ug/l #	99
73) Isopropylbenzene	12.34	105	225472	20.72	ug/l	100
74) N-amyl acetate	12.16	43	73305	20.58	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.59	83	48937	21.00	ug/l	99
76) 1,2,3-Trichloropropane	12.65	75	63857	38.42	ug/l #	100
77) Bromobenzene	12.63	156	48804	20.25	ug/l	97
78) n-propylbenzene	12.69	91	274096	20.92	ug/l	100
79) 2-Chlorotoluene	12.77	91	155293	20.75	ug/l	100
80) 1,3,5-Trimethylbenzene	12.83	105	189926	20.91	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.39	75	18182	20.70	ug/l	98
82) 4-Chlorotoluene	12.87	91	165069	20.65	ug/l	99
83) tert-Butylbenzene	13.09	119	158173	20.66	ug/l	98
84) 1,2,4-Trimethylbenzene	13.13	105	187224	20.53	ug/l	100
85) sec-Butylbenzene	13.27	105	235554	21.65	ug/l	99
86) p-Isopropyltoluene	13.38	119	204188	21.30	ug/l	99
87) 1,3-Dichlorobenzene	13.38	146	97347	20.97	ug/l	100
88) 1,4-Dichlorobenzene	13.46	146	97021	20.58	ug/l	99
89) n-Butylbenzene	13.71	91	207558	21.51	ug/l	99
90) Hexachloroethane	13.97	117	37588	20.68	ug/l	100
91) 1,2-Dichlorobenzene	13.75	146	87995	20.55	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.38	75	8375	20.82	ug/l	98

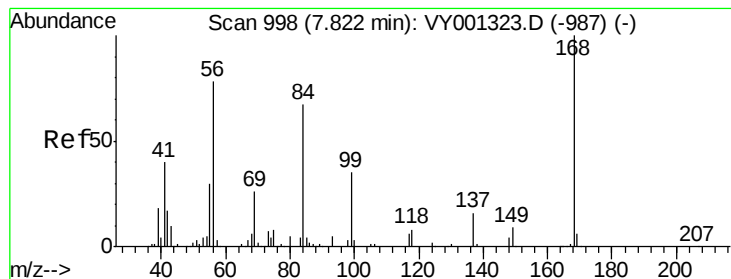
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY013020\
Data File : VY001427.D
Acq On : 30 Jan 2020 14:09
Operator : SY/MD
Sample : VY0130SBSD01
Misc : 5.00G/5ML/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0130SBSD01

Quant Time: Jan 30 15:25:13 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y012120S.M
Quant Title : SW846 8260
QLast Update : Thu Jan 23 01:21:47 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	58651	20.41	ug/l	99
94) Hexachlorobutadiene	15.12	225	28648	20.47	ug/l	98
95) Naphthalene	15.25	128	139621	21.25	ug/l	100
96) 1,2,3-Trichlorobenzene	15.44	180	51201	20.31	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.83 min Scan# 999

Delta R.T. 0.01 min

Lab File: VY001427.D

Acq: 30 Jan 2020 14:09

Instrument :

MSVOA_Y

ClientSampleId :

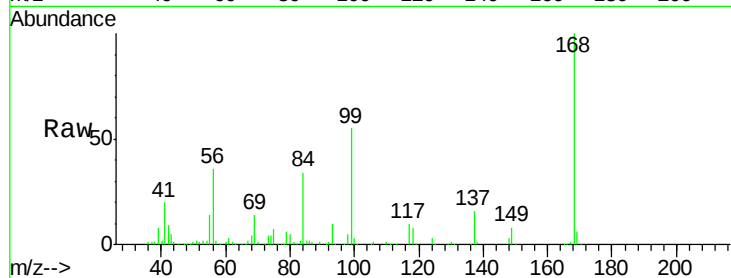
VY0130SBS01

Tgt Ion:168 Resp: 187350

Ion Ratio Lower Upper

168 100

99 55.1 44.3 66.5



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

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

7.83

80000

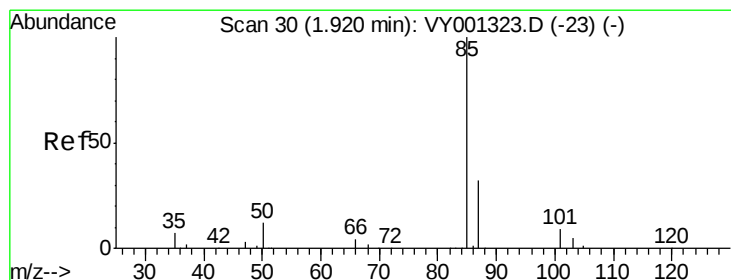
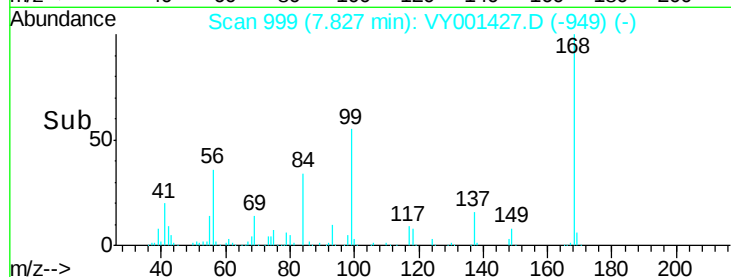
60000

40000

20000

0

Time--> 7.70 7.80 7.90



#2

Dichlorodifluoromethane

Concen: 21.69 ug/l

RT: 1.92 min Scan# 30

Delta R.T. -0.00 min

Lab File: VY001427.D

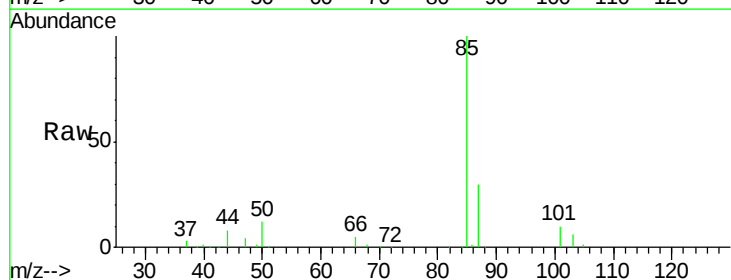
Acq: 30 Jan 2020 14:09

Tgt Ion: 85 Resp: 32050

Ion Ratio Lower Upper

85 100

87 30.3 16.0 48.0



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

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

1.92

25000

20000

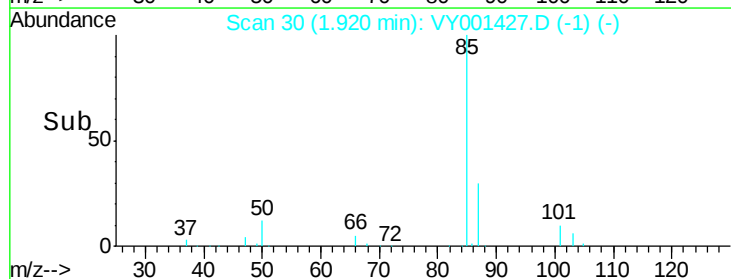
15000

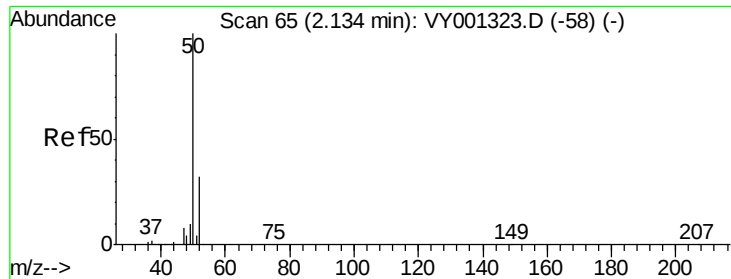
10000

5000

0

Time--> 1.85 1.90 1.95 2.00 2.05





#3

Chloromethane

Concen: 21.20 ug/l

RT: 2.13 min Scan# 65

Delta R.T. -0.00 min

Lab File: VY001427.D

Acq: 30 Jan 2020 14:09

Instrument :

MSVOA_Y

ClientSampleId :

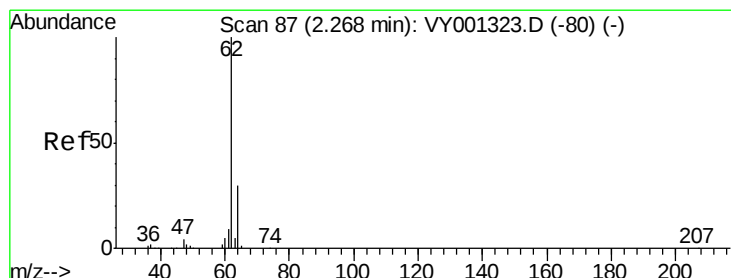
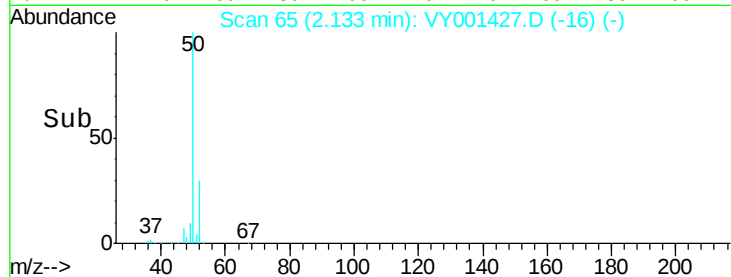
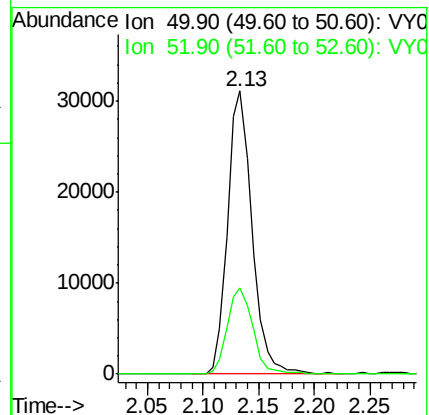
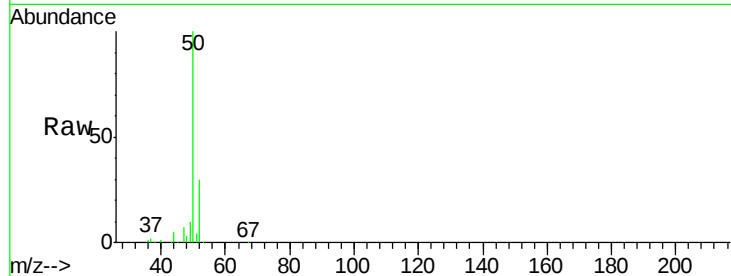
VY0130SBSD01

Tgt Ion: 50 Resp: 47332

Ion Ratio Lower Upper

50 100

52 30.5 25.7 38.5



#4

Vinyl Chloride

Concen: 20.82 ug/l

RT: 2.27 min Scan# 88

Delta R.T. 0.01 min

Lab File: VY001427.D

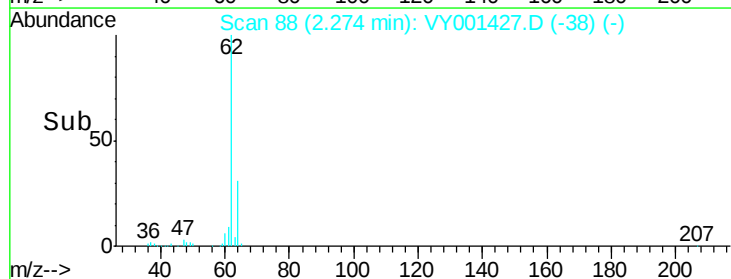
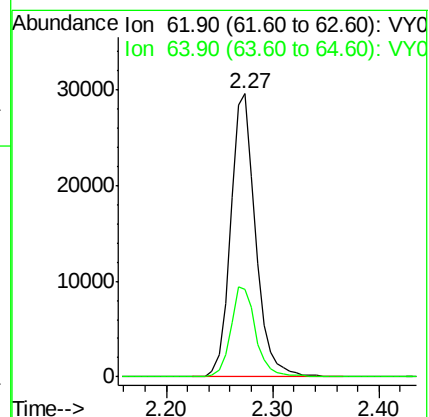
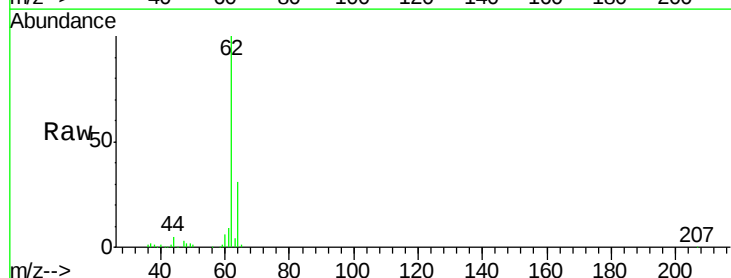
Acq: 30 Jan 2020 14:09

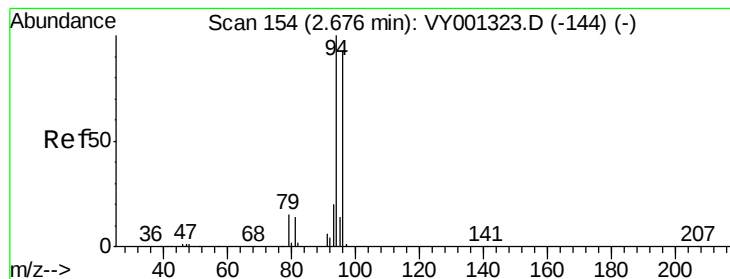
Tgt Ion: 62 Resp: 48471

Ion Ratio Lower Upper

62 100

64 31.1 23.9 35.9





#5

Bromomethane

Concen: 21.12 ug/l

RT: 2.66 min Scan# 152

Delta R.T. -0.01 min

Lab File: VY001427.D

Acq: 30 Jan 2020 14:09

Instrument :

MSVOA_Y

ClientSampleId :

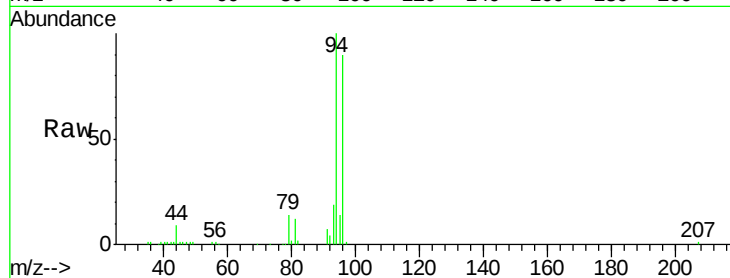
VY0130SBS01

Tgt Ion: 94 Resp: 33115

Ion Ratio Lower Upper

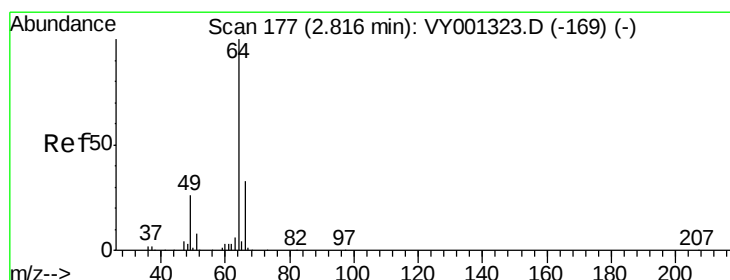
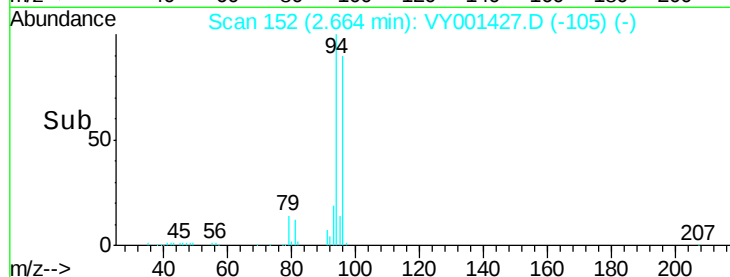
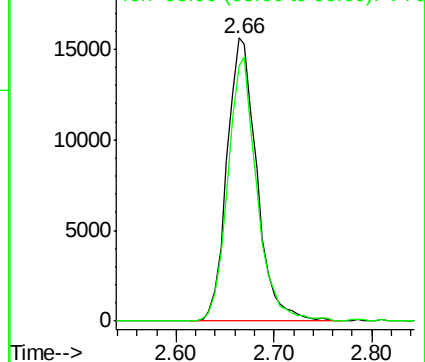
94 100

96 90.0 74.6 111.8



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 20.69 ug/l

RT: 2.82 min Scan# 177

Delta R.T. -0.00 min

Lab File: VY001427.D

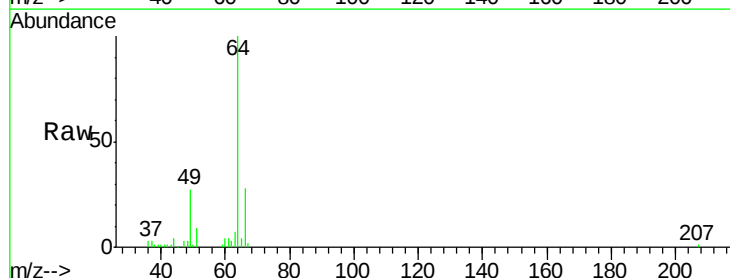
Acq: 30 Jan 2020 14:09

Tgt Ion: 64 Resp: 30784

Ion Ratio Lower Upper

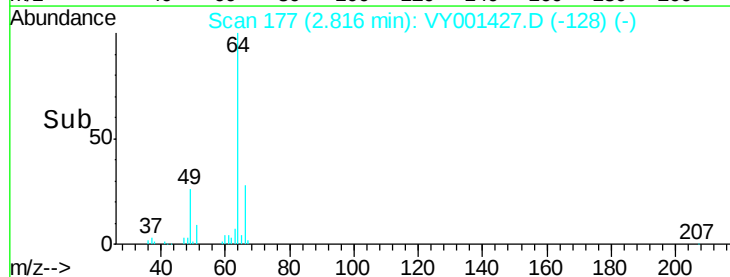
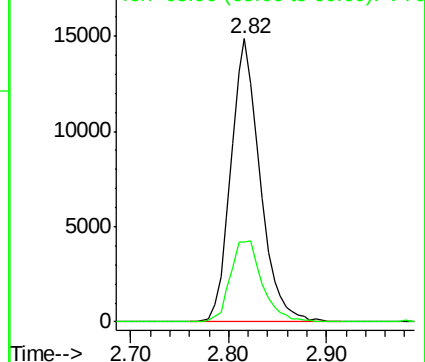
64 100

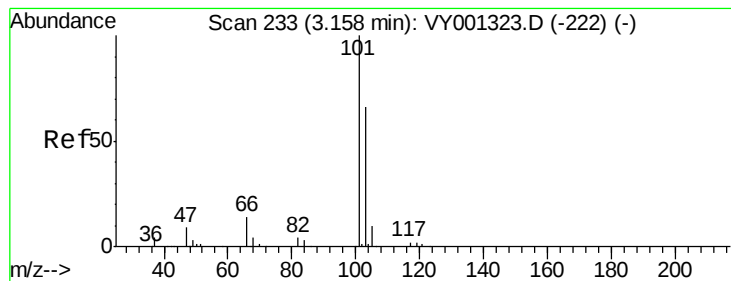
66 28.2 26.8 40.2



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0



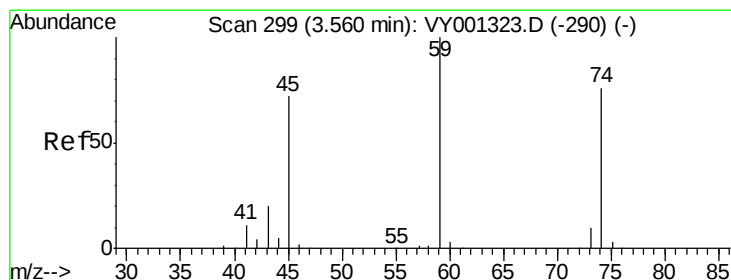
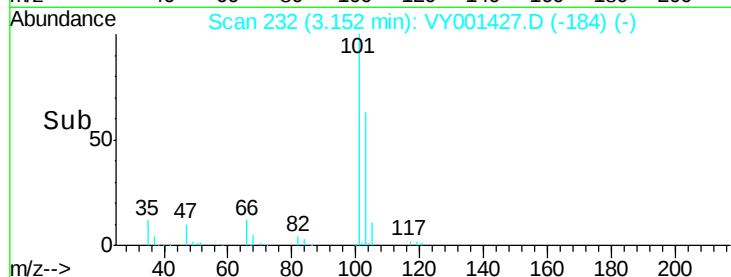
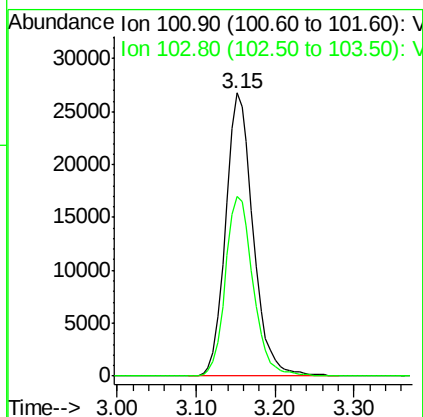
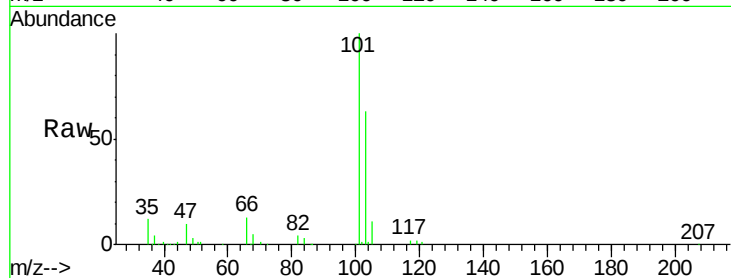


#7

Trichlorofluoromethane
 Concen: 21.79 ug/l
 RT: 3.15 min Scan# 232
 Delta R.T. -0.01 min
 Lab File: VY001427.D
 Acq: 30 Jan 2020 14:09

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0130SBSD01

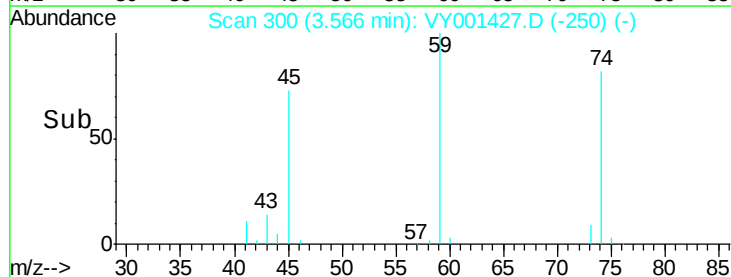
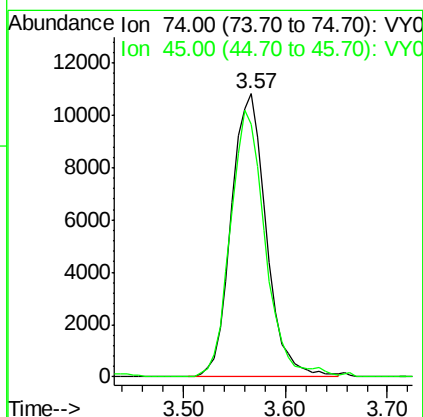
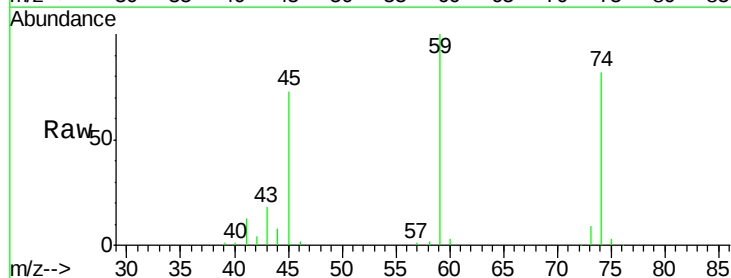
Tgt Ion:101 Resp: 64905
 Ion Ratio Lower Upper
 101 100
 103 63.3 52.5 78.7

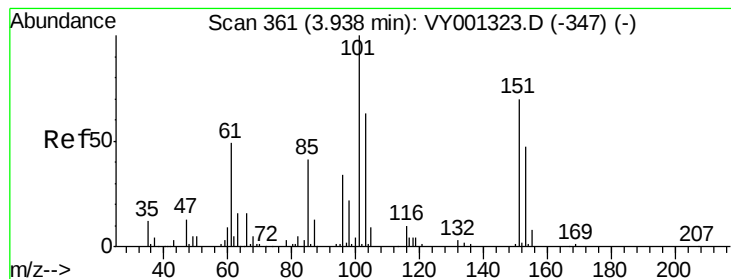


#8

Diethyl Ether
 Concen: 20.46 ug/l
 RT: 3.57 min Scan# 300
 Delta R.T. 0.01 min
 Lab File: VY001427.D
 Acq: 30 Jan 2020 14:09

Tgt Ion: 74 Resp: 25734
 Ion Ratio Lower Upper
 74 100
 45 93.6 47.2 141.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.53 ug/l

RT: 3.94 min Scan# 361

Delta R.T. -0.00 min

Lab File: VY001427.D

Acq: 30 Jan 2020 14:09

Instrument :

MSVOA_Y

ClientSampleId :

VY0130SBS01

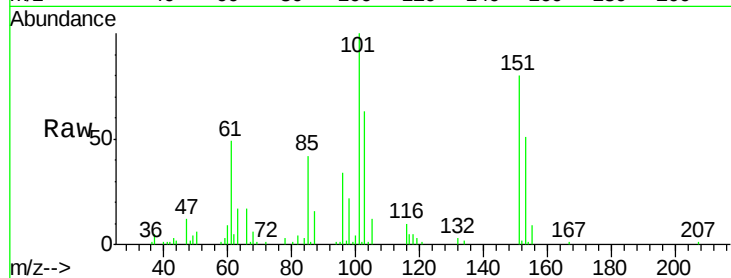
Tgt Ion:101 Resp: 40837

Ion Ratio Lower Upper

101 100

85 46.4 34.9 52.3

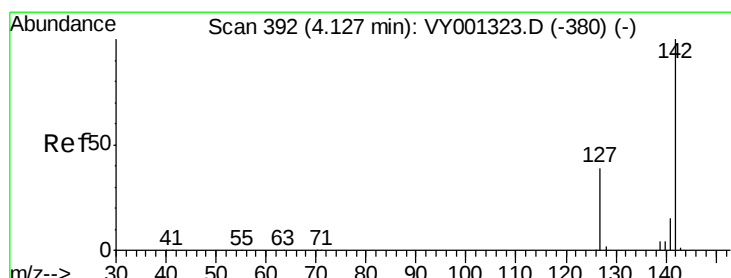
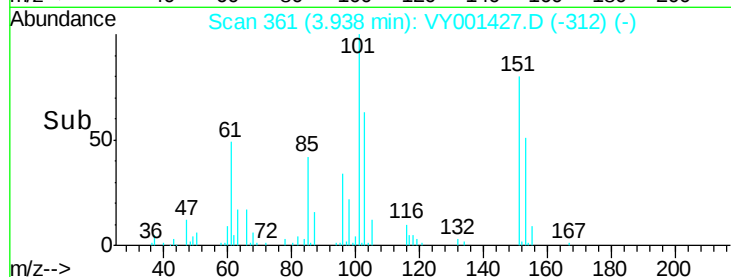
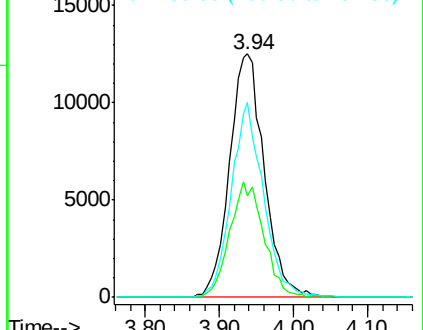
151 74.2 59.9 89.9



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VY0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 19.52 ug/l

RT: 4.13 min Scan# 393

Delta R.T. 0.01 min

Lab File: VY001427.D

Acq: 30 Jan 2020 14:09

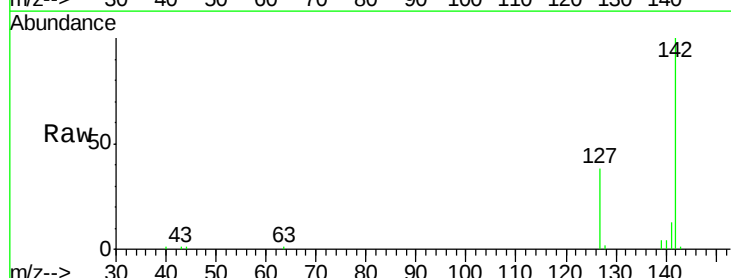
Tgt Ion:142 Resp: 48832

Ion Ratio Lower Upper

142 100

127 39.9 31.6 47.4

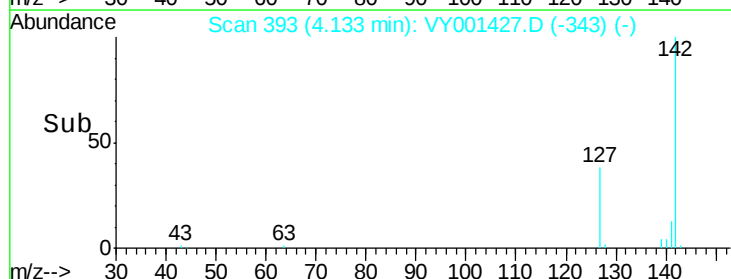
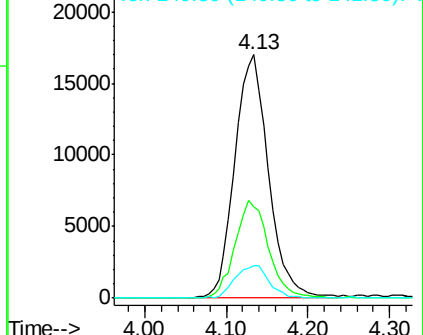
141 13.5 11.2 16.8

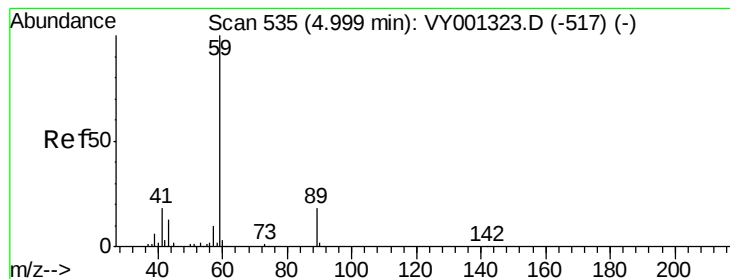


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



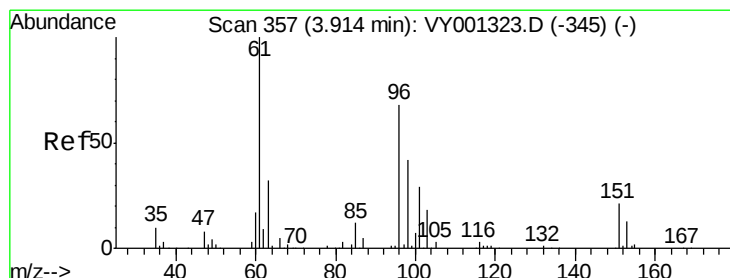
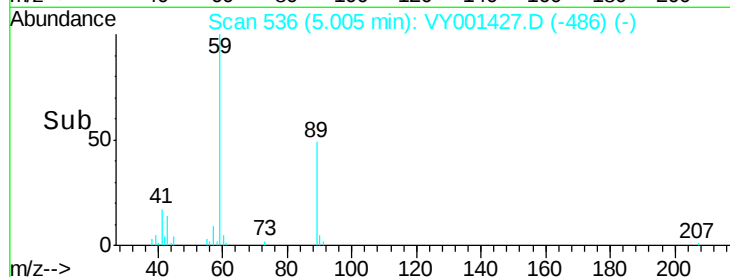
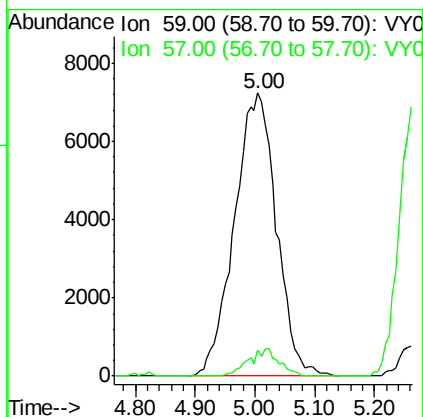
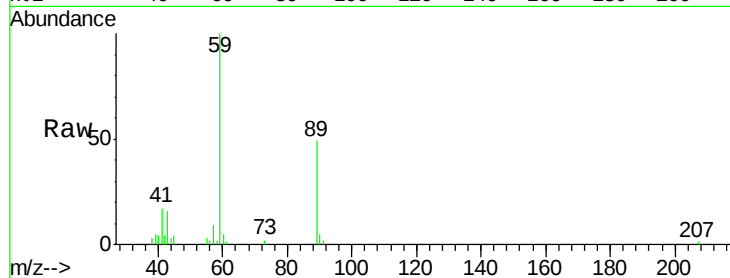


#11

Tert butyl alcohol
 Concen: 128.31 ug/l
 RT: 5.00 min Scan# 536
 Delta R.T. 0.01 min
 Lab File: VY001427.D
 Acq: 30 Jan 2020 14:09

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0130SBS01

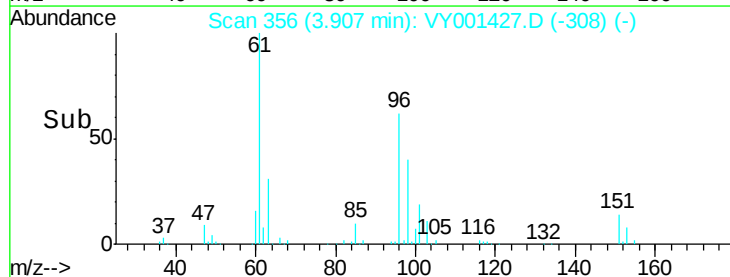
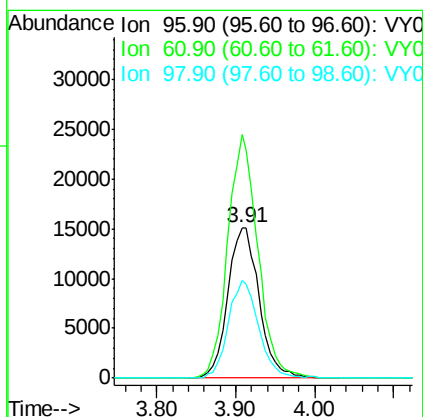
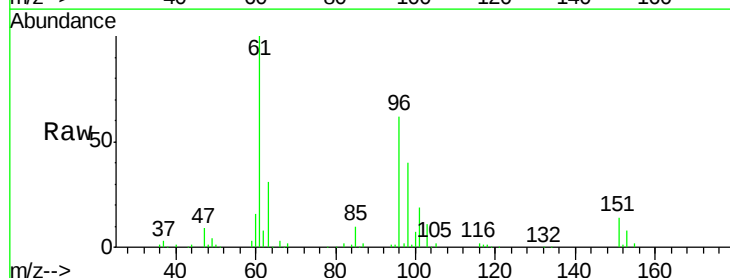
Tgt Ion: 59 Resp: 35303
 Ion Ratio Lower Upper
 59 100
 57 7.0 7.4 11.2#

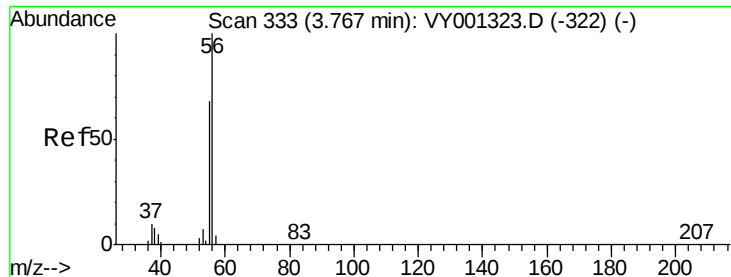


#12

1,1-Dichloroethene
 Concen: 21.04 ug/l
 RT: 3.91 min Scan# 356
 Delta R.T. -0.01 min
 Lab File: VY001427.D
 Acq: 30 Jan 2020 14:09

Tgt Ion: 96 Resp: 41861
 Ion Ratio Lower Upper
 96 100
 61 161.7 118.0 177.0
 98 65.2 49.4 74.2





#13

Acrolein

Concen: 117.29 ug/l

RT: 3.77 min Scan# 333

Delta R.T. -0.00 min

Lab File: VY001427.D

Acq: 30 Jan 2020 14:09

Instrument :

MSVOA_Y

ClientSampleId :

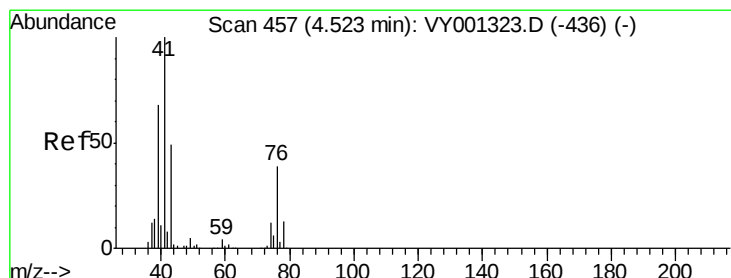
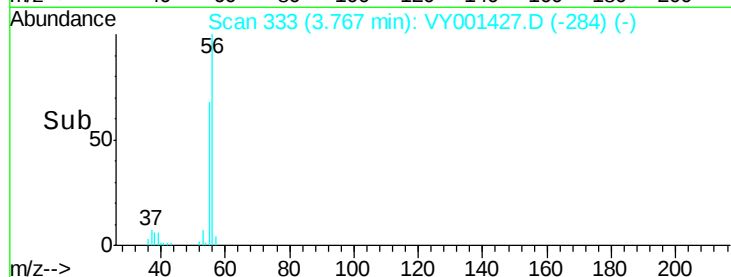
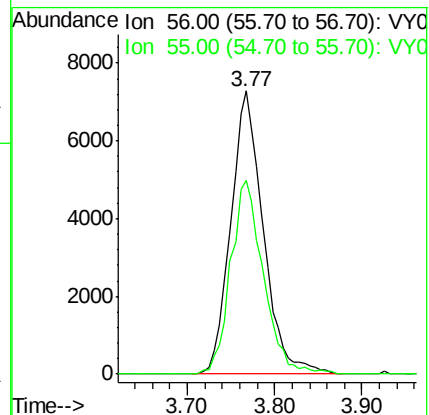
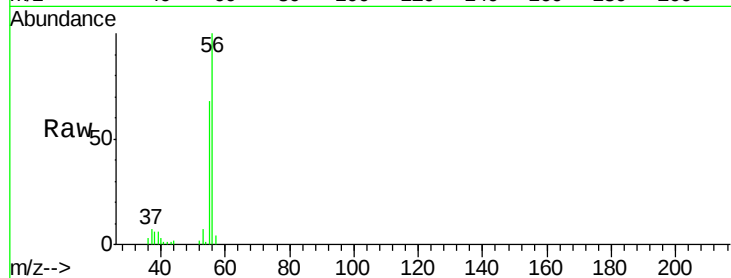
VY0130SBSD01

Tgt Ion: 56 Resp: 18771

Ion Ratio Lower Upper

56 100

55 68.6 55.9 83.9



#14

Allyl chloride

Concen: 20.93 ug/l

RT: 4.52 min Scan# 457

Delta R.T. -0.00 min

Lab File: VY001427.D

Acq: 30 Jan 2020 14:09

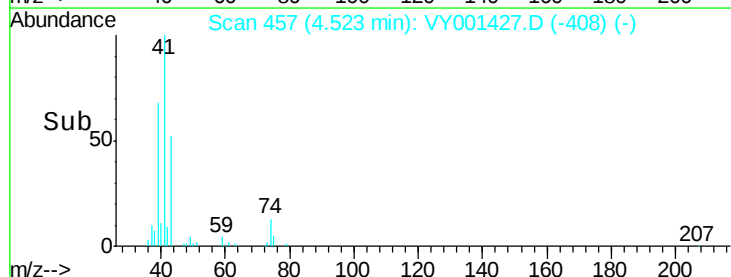
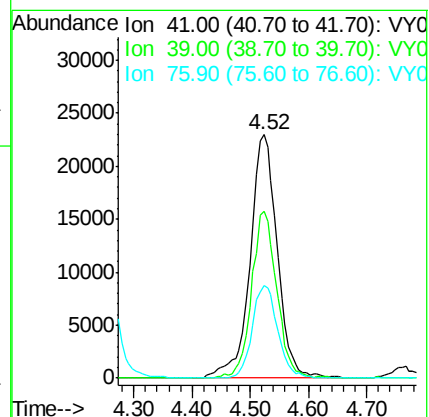
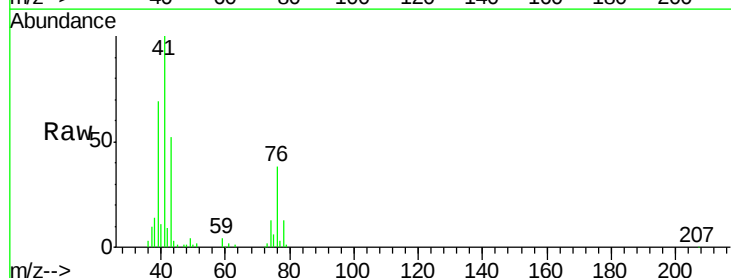
Tgt Ion: 41 Resp: 74233

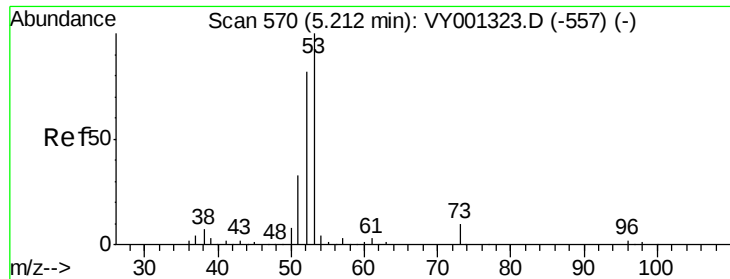
Ion Ratio Lower Upper

41 100

39 63.6 52.2 78.4

76 35.6 29.1 43.7





#15

Acrylonitrile

Concen: 107.50 ug/l

RT: 5.22 min Scan# 571

Delta R.T. 0.01 min

Lab File: VY001427.D

Acq: 30 Jan 2020 14:09

Instrument :

MSVOA_Y

ClientSampleId :

VY0130SBS01

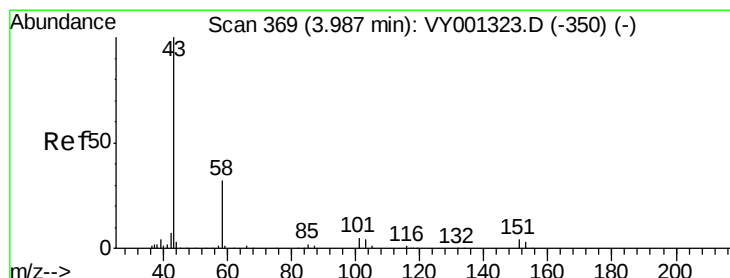
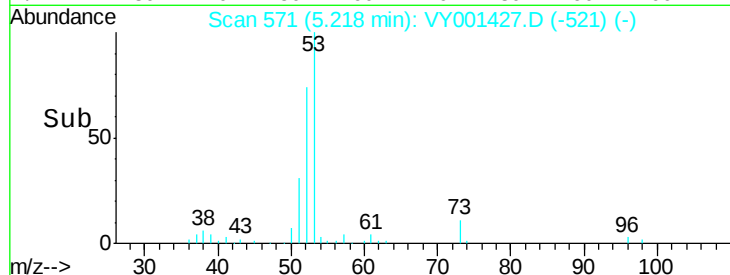
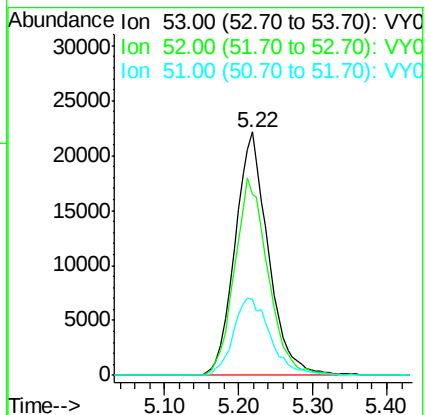
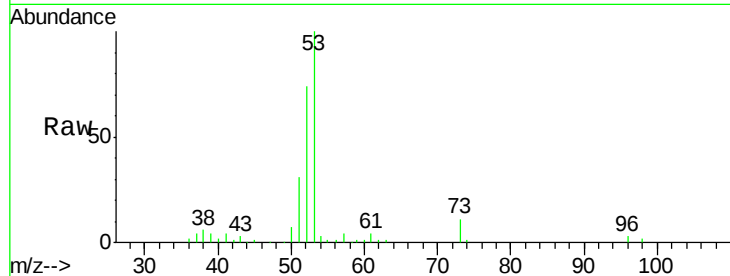
Tgt Ion: 53 Resp: 69201

Ion Ratio Lower Upper

53 100

52 81.5 65.3 97.9

51 35.4 28.4 42.6



#16

Acetone

Concen: 118.56 ug/l

RT: 3.99 min Scan# 369

Delta R.T. -0.00 min

Lab File: VY001427.D

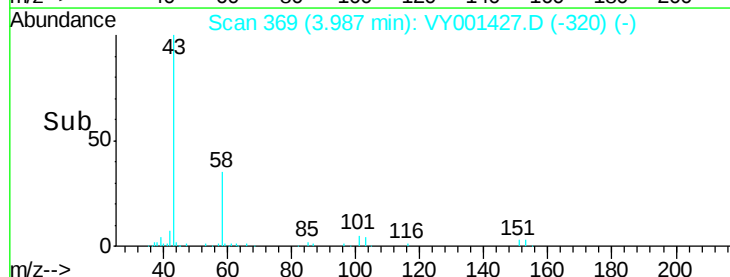
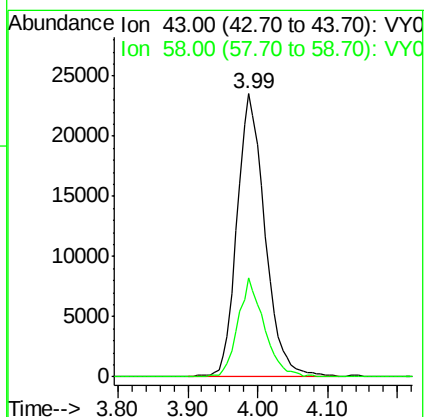
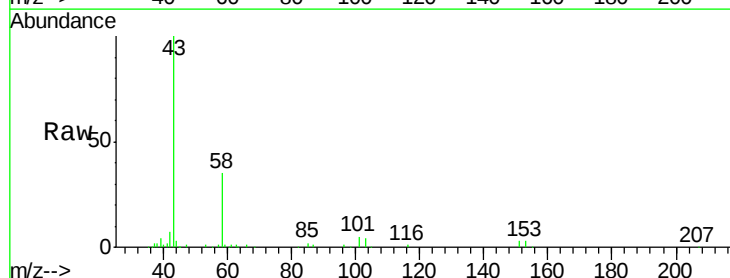
Acq: 30 Jan 2020 14:09

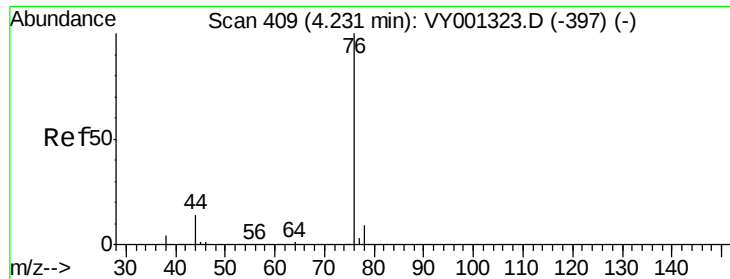
Tgt Ion: 43 Resp: 65811

Ion Ratio Lower Upper

43 100

58 34.8 25.4 38.0

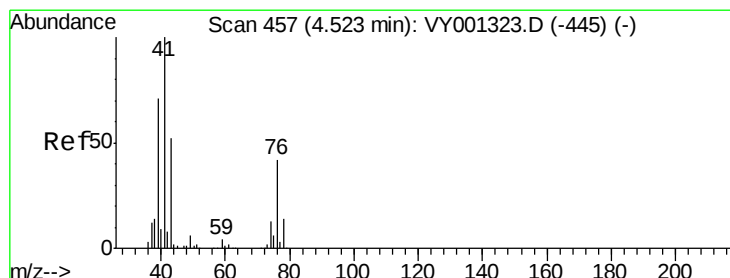
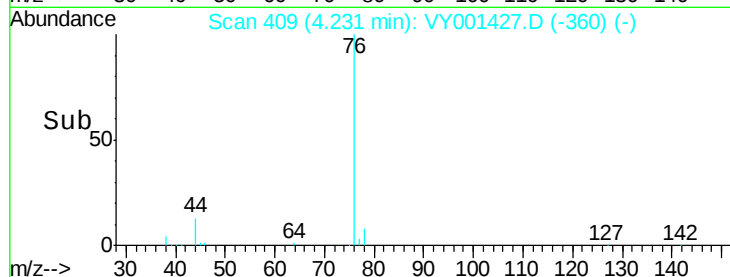
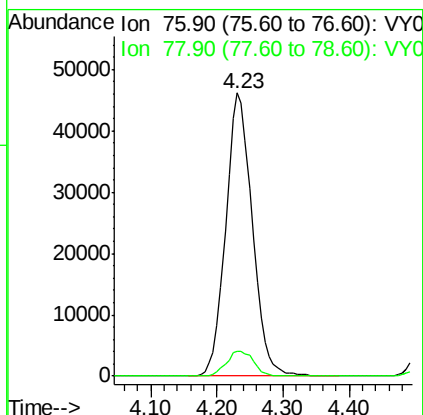
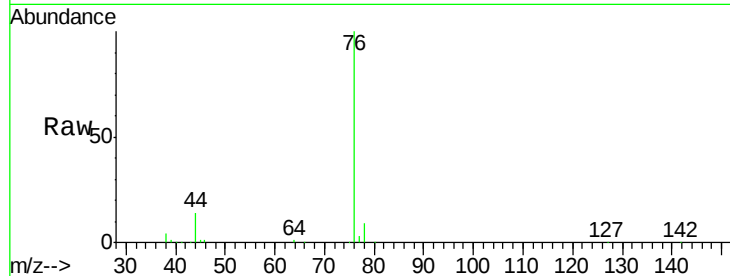




#17
Carbon Disulfide
Concen: 20.50 ug/l
RT: 4.23 min Scan# 409
Delta R.T. -0.00 min
Lab File: VY001427.D
Acq: 30 Jan 2020 14:09

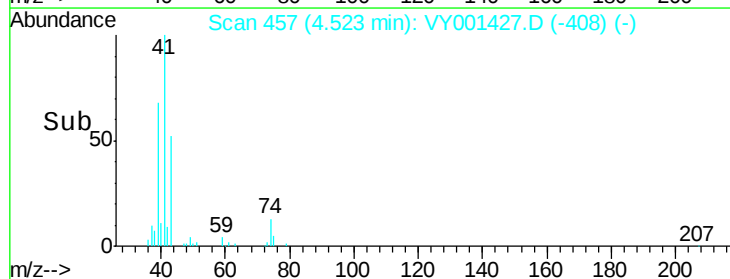
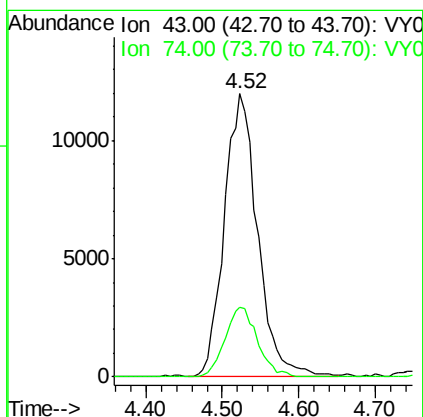
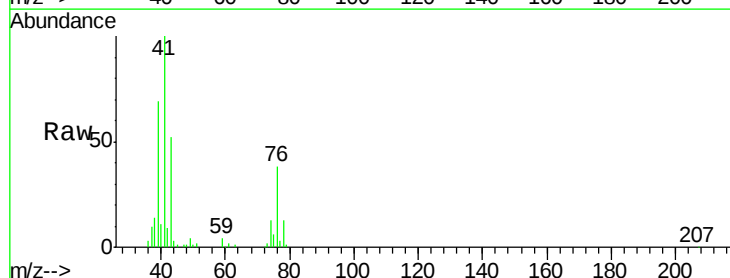
Instrument :
MSVOA_Y
ClientSampleId :
VY0130SBSD01

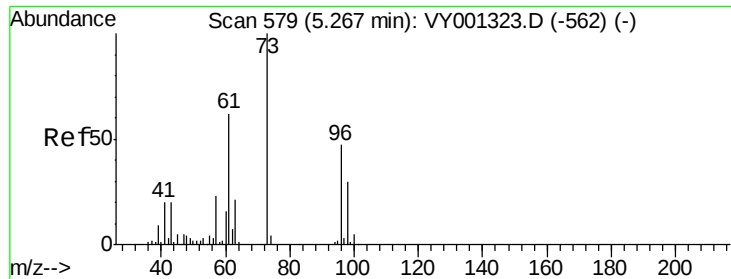
Tgt Ion: 76 Resp: 128265
Ion Ratio Lower Upper
76 100
78 8.6 7.0 10.6



#18
Methyl Acetate
Concen: 21.00 ug/l
RT: 4.52 min Scan# 457
Delta R.T. -0.00 min
Lab File: VY001427.D
Acq: 30 Jan 2020 14:09

Tgt Ion: 43 Resp: 36111
Ion Ratio Lower Upper
43 100
74 24.0 19.4 29.2

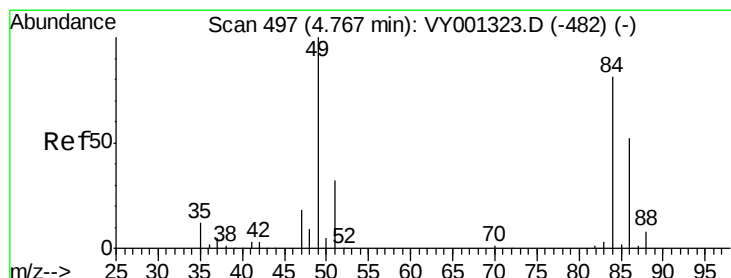
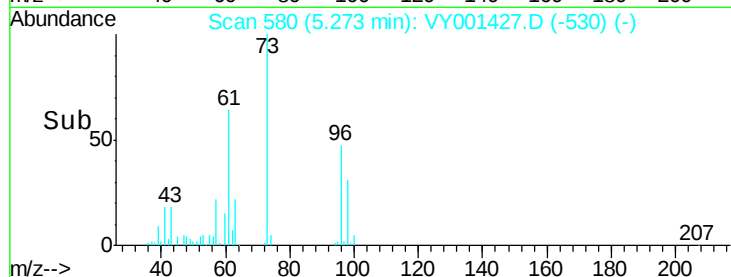
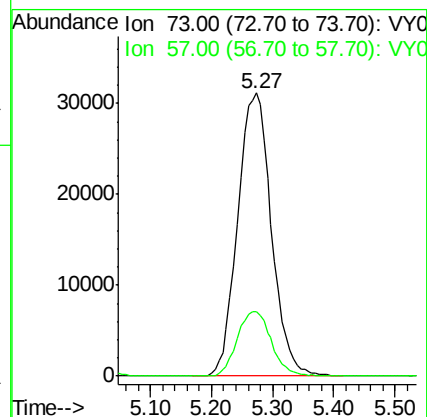
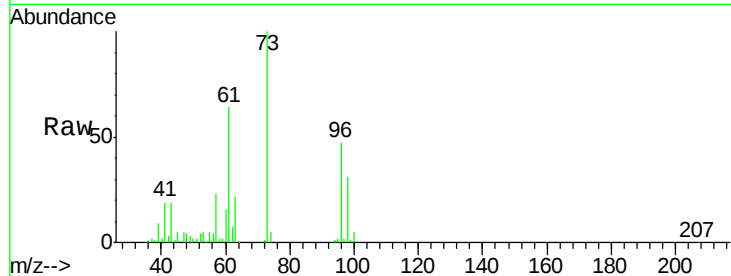




#19
Methyl tert-butyl Ether
Concen: 20.36 ug/l
RT: 5.27 min Scan# 580
Delta R.T. 0.01 min
Lab File: VY001427.D
Acq: 30 Jan 2020 14:09

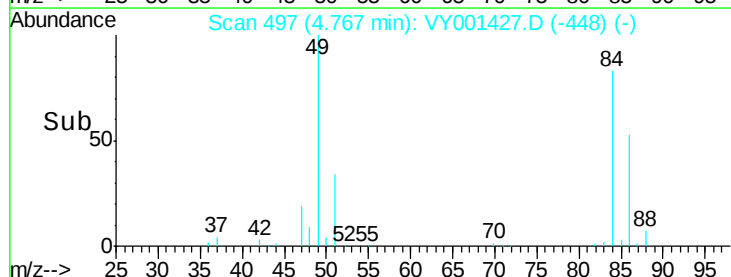
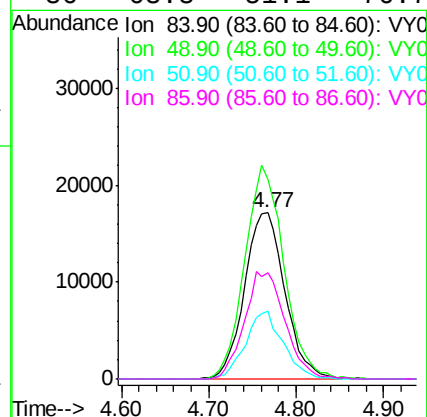
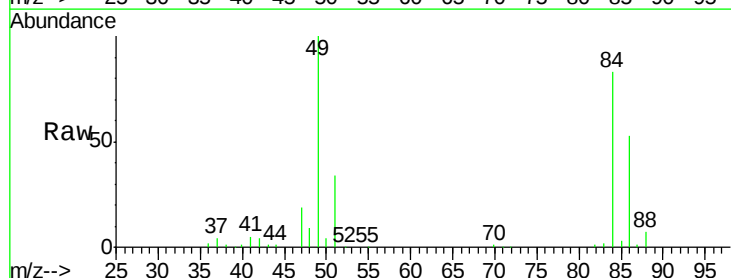
Instrument :
MSVOA_Y
ClientSampleId :
VY0130SBS01

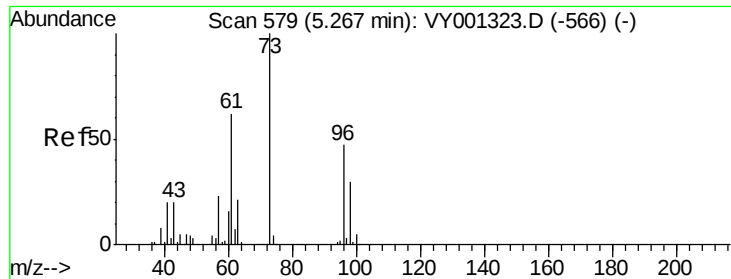
Tgt Ion: 73 Resp: 118604
Ion Ratio Lower Upper
73 100
57 22.8 18.2 27.2



#20
Methylene Chloride
Concen: 19.32 ug/l
RT: 4.77 min Scan# 497
Delta R.T. -0.00 min
Lab File: VY001427.D
Acq: 30 Jan 2020 14:09

Tgt Ion: 84 Resp: 55184
Ion Ratio Lower Upper
84 100
49 120.3 98.3 147.5
51 40.5 31.6 47.4
86 63.8 51.1 76.7





#21

trans-1,2-Dichloroethene

Concen: 20.45 ug/l

RT: 5.27 min Scan# 579

Delta R.T. -0.00 min

Lab File: VY001427.D

Acq: 30 Jan 2020 14:09

Instrument :

MSVOA_Y

ClientSampleId :

VY0130SBS01

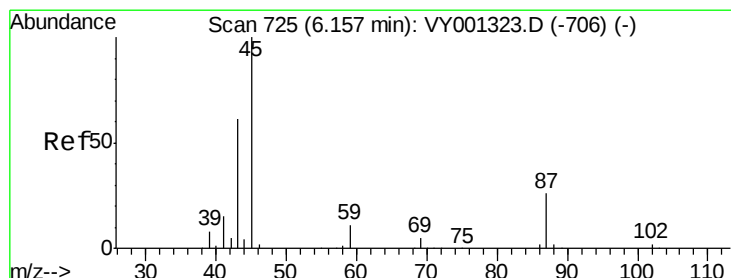
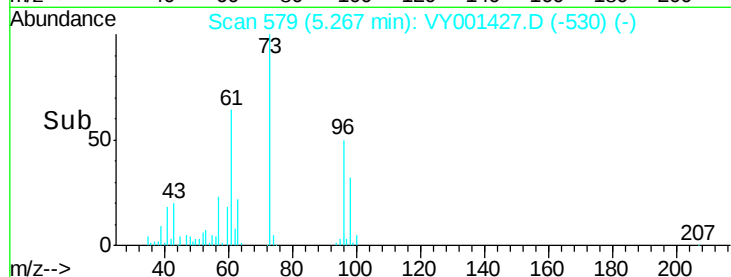
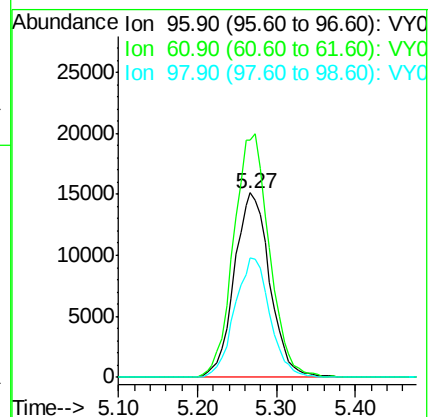
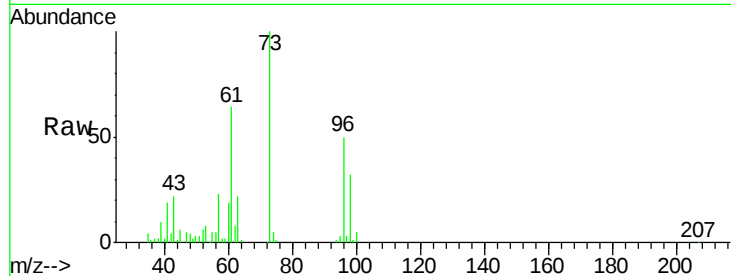
Tgt Ion: 96 Resp: 47258

Ion Ratio Lower Upper

96 100

61 128.8 106.8 160.2

98 64.7 51.0 76.6



#22

Diisopropyl ether

Concen: 20.25 ug/l

RT: 6.17 min Scan# 727

Delta R.T. 0.01 min

Lab File: VY001427.D

Acq: 30 Jan 2020 14:09

Tgt Ion: 45 Resp: 152565

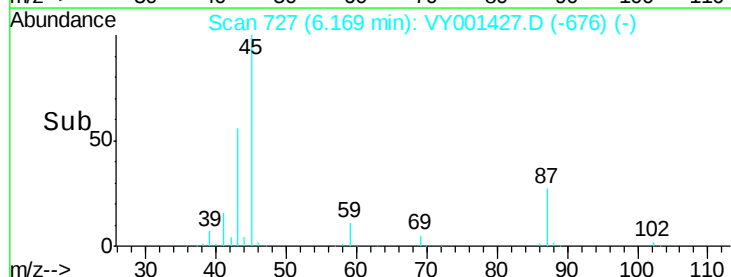
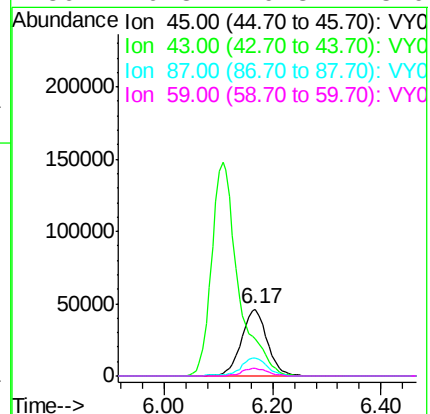
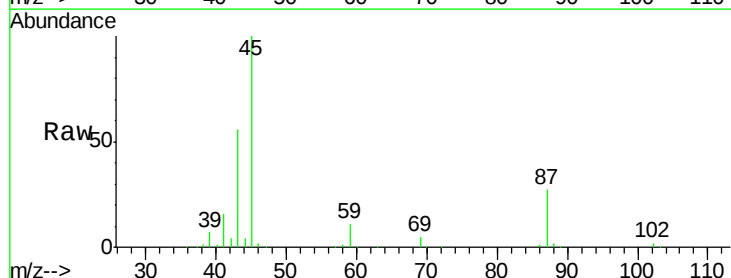
Ion Ratio Lower Upper

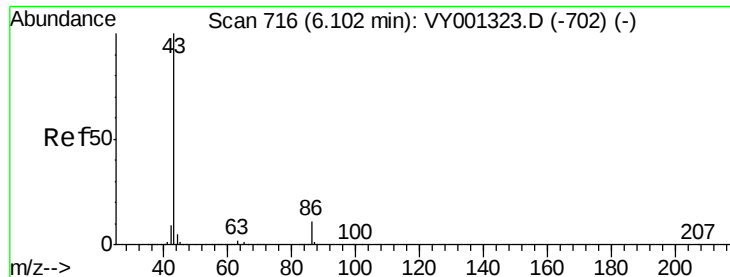
45 100

43 55.4 49.2 73.8

87 26.7 21.4 32.2

59 10.8 9.3 13.9





#23

Vinyl Acetate

Concen: 102.40 ug/l

RT: 6.11 min Scan# 717

Delta R.T. 0.01 min

Lab File: VY001427.D

Acq: 30 Jan 2020 14:09

Instrument :

MSVOA_Y

ClientSampleId :

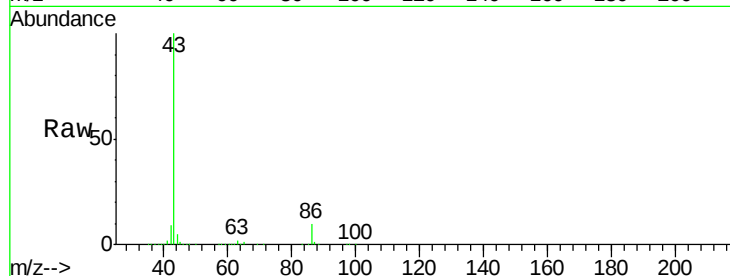
VY0130SBS01

Tgt Ion: 43 Resp: 500777

Ion Ratio Lower Upper

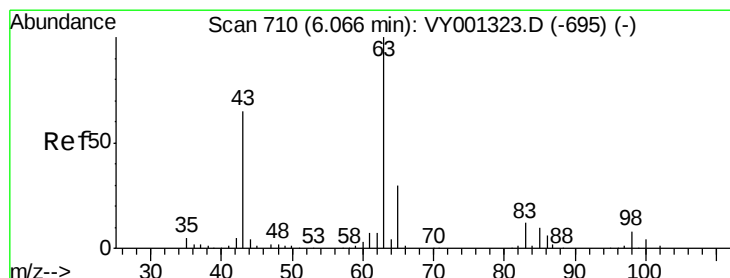
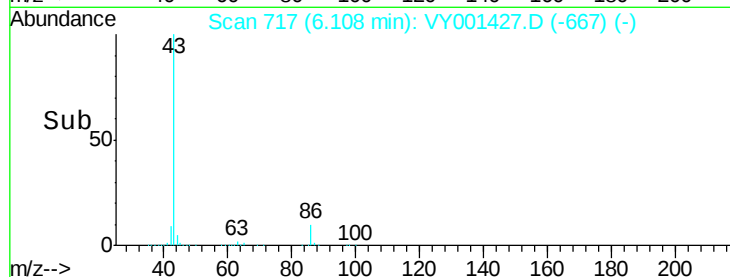
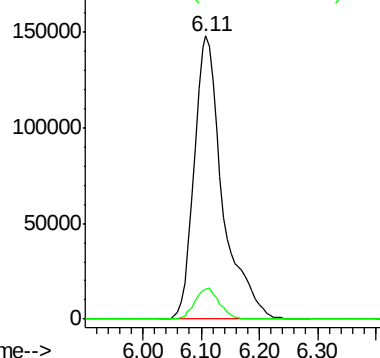
43 100

86 10.4 8.6 13.0



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0



#24

1,1-Dichloroethane

Concen: 20.63 ug/l

RT: 6.07 min Scan# 711

Delta R.T. 0.01 min

Lab File: VY001427.D

Acq: 30 Jan 2020 14:09

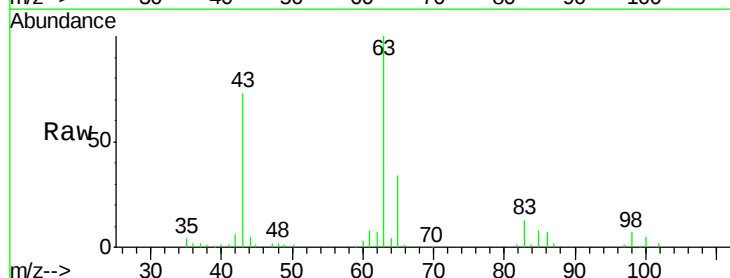
Tgt Ion: 63 Resp: 81905

Ion Ratio Lower Upper

63 100

98 7.3 4.0 12.0

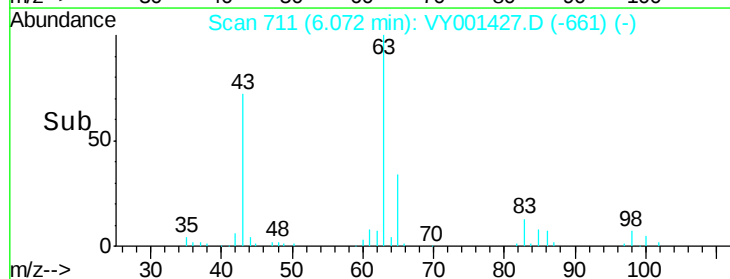
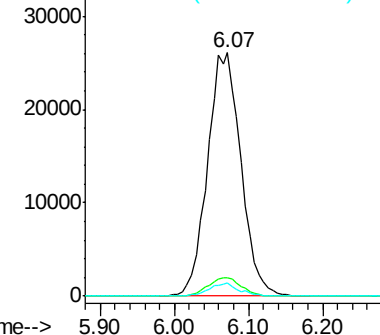
100 5.3 2.1 6.3

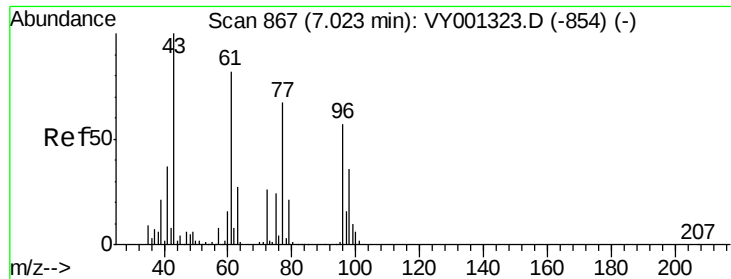


Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0





#25

2-Butanone

Concen: 110.95 ug/l

RT: 7.03 min Scan# 868

Delta R.T. 0.01 min

Lab File: VY001427.D

Acq: 30 Jan 2020 14:09

Instrument :

MSVOA_Y

ClientSampleId :

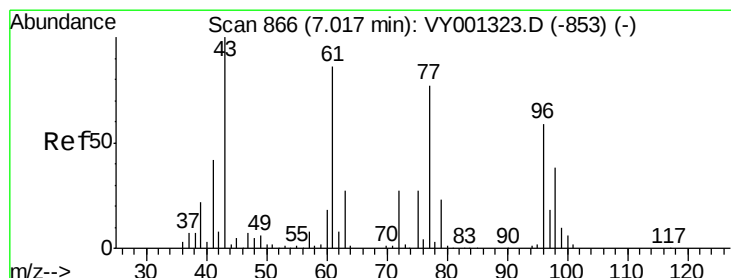
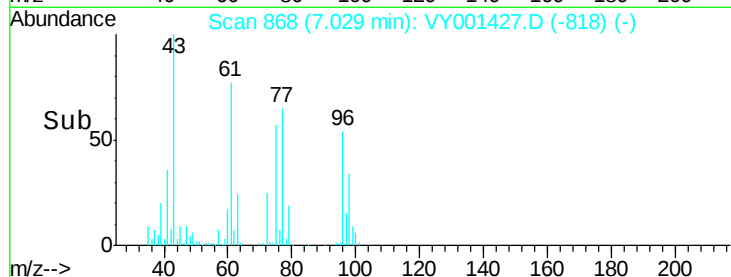
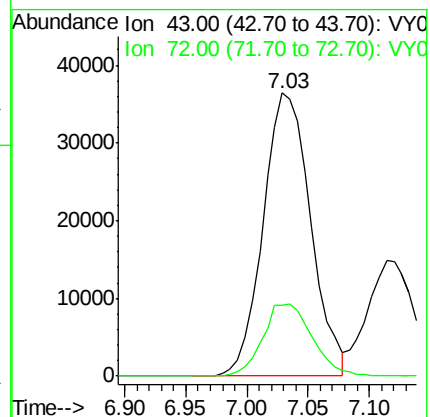
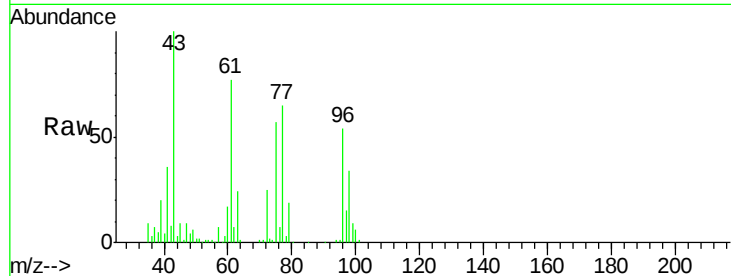
VY0130SBS01

Tgt Ion: 43 Resp: 98448

Ion Ratio Lower Upper

43 100

72 25.2 20.6 31.0



#26

2,2-Dichloropropane

Concen: 20.50 ug/l

RT: 7.03 min Scan# 868

Delta R.T. 0.01 min

Lab File: VY001427.D

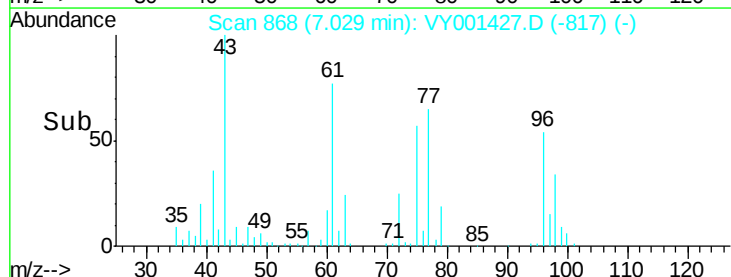
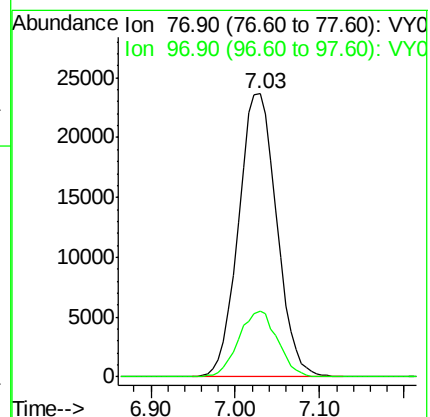
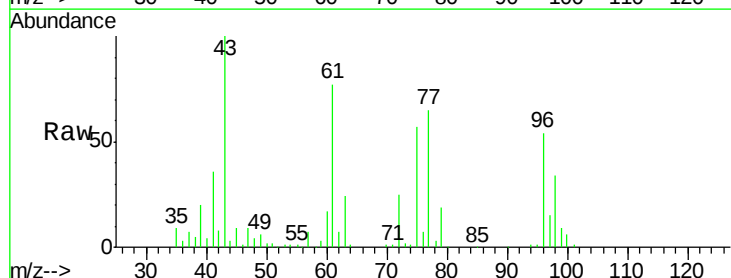
Acq: 30 Jan 2020 14:09

Tgt Ion: 77 Resp: 72506

Ion Ratio Lower Upper

77 100

97 23.8 11.9 35.5



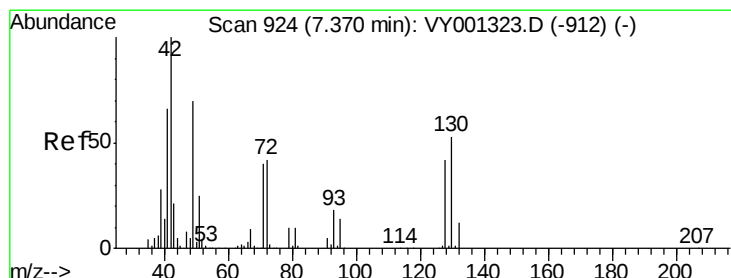
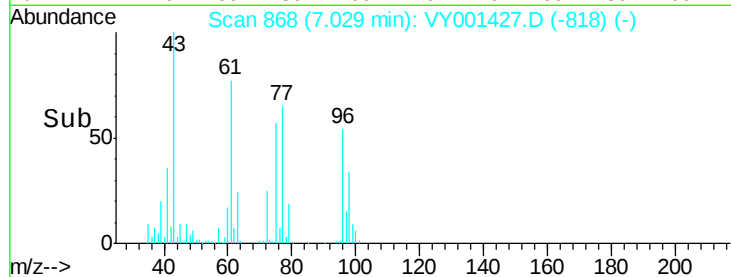
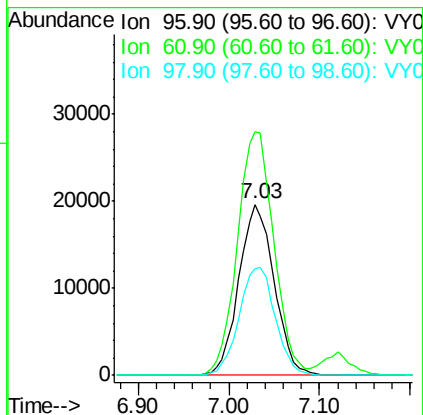
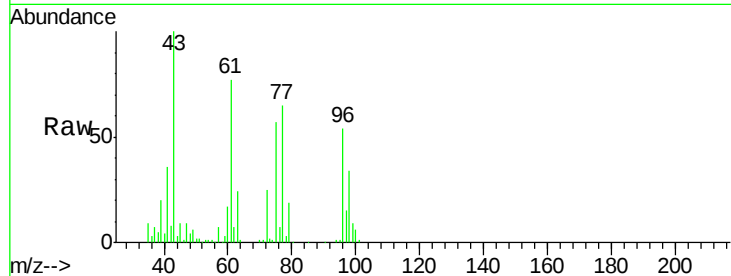


#27

cis-1,2-Dichloroethene
Concen: 20.51 ug/l
RT: 7.03 min Scan# 868
Delta R.T. 0.01 min
Lab File: VY001427.D
Acq: 30 Jan 2020 14:09

Instrument :
MSVOA_Y
ClientSampleId :
VY0130SBSD01

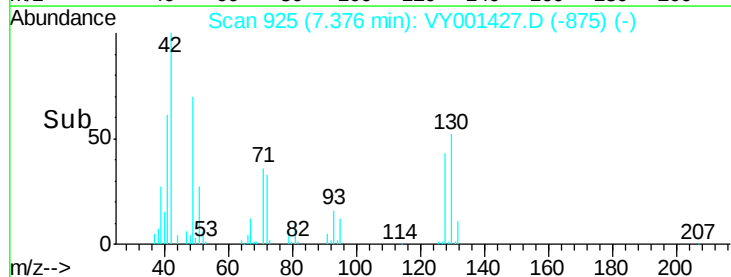
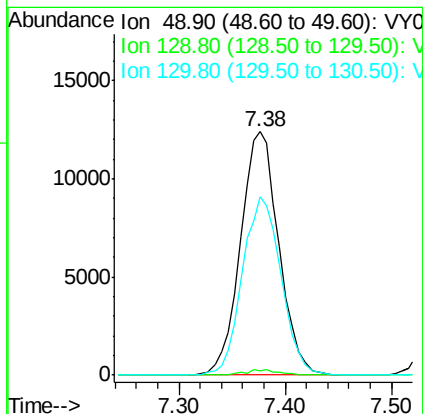
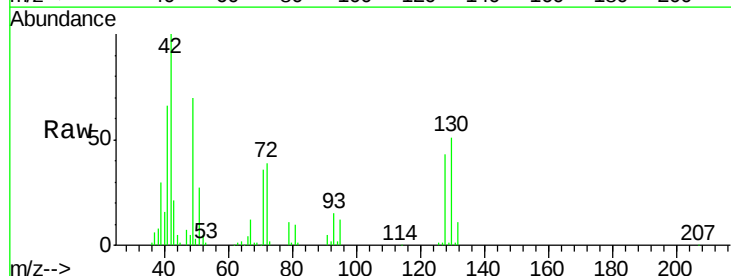
Tgt Ion: 96 Resp: 52973
Ion Ratio Lower Upper
96 100
61 147.5 0.0 284.8
98 64.8 0.0 128.4

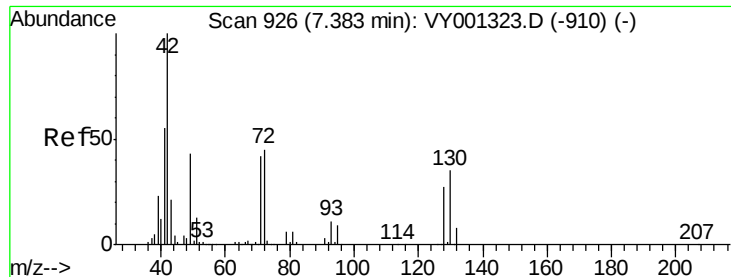


#28

Bromochloromethane
Concen: 19.08 ug/l
RT: 7.38 min Scan# 925
Delta R.T. 0.01 min
Lab File: VY001427.D
Acq: 30 Jan 2020 14:09

Tgt Ion: 49 Resp: 31246
Ion Ratio Lower Upper
49 100
129 1.9 0.0 4.0
130 73.9 58.9 88.3

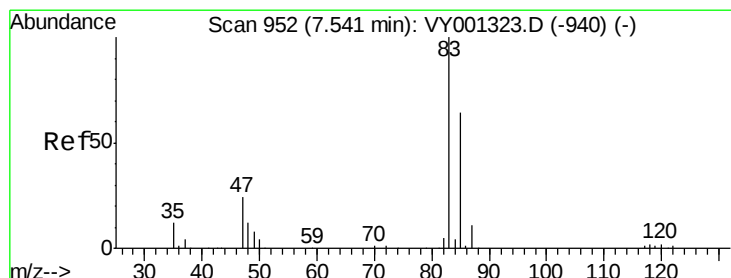
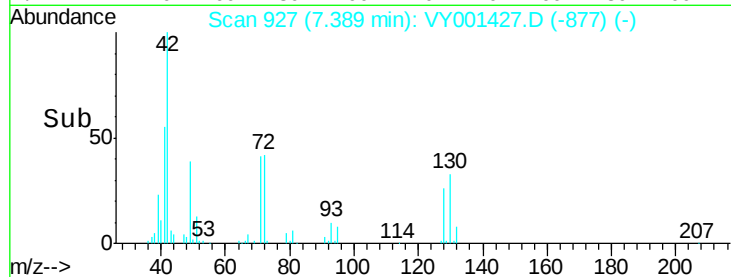
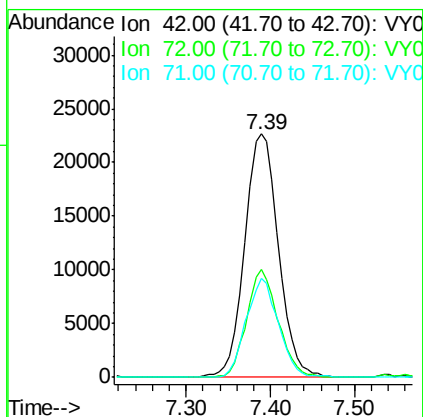
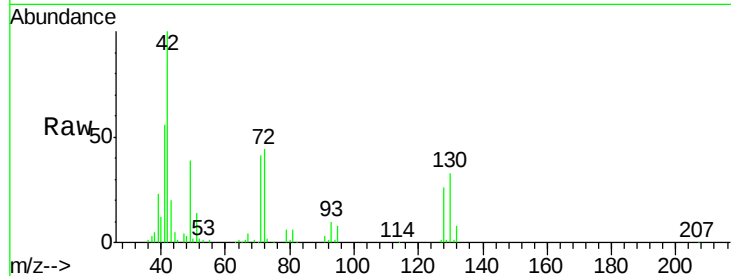




#29
Tetrahydrofuran
Concen: 106.39 ug/l
RT: 7.39 min Scan# 927
Delta R.T. 0.01 min
Lab File: VY001427.D
Acq: 30 Jan 2020 14:09

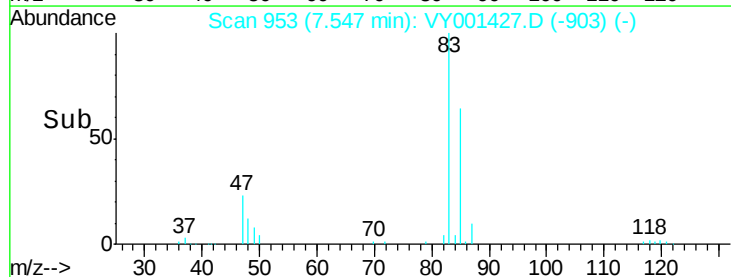
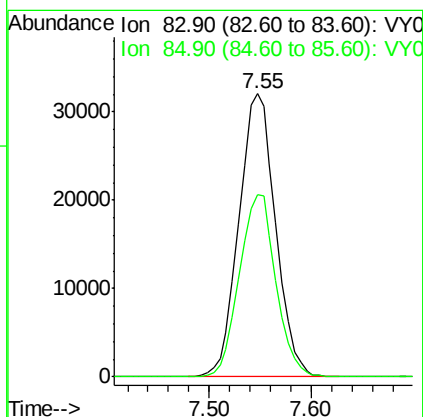
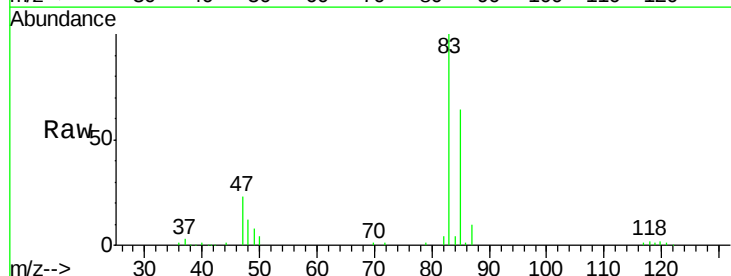
Instrument :
MSVOA_Y
ClientSampleId :
VY0130SBS01

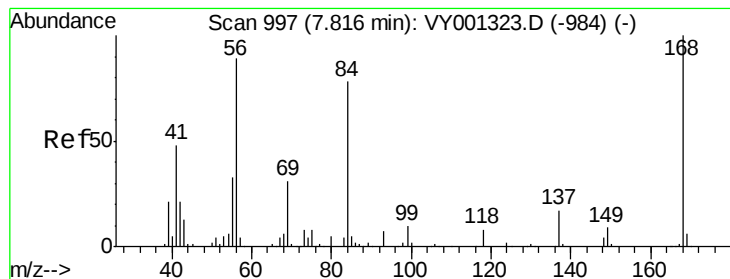
Tgt Ion: 42 Resp: 61416
Ion Ratio Lower Upper
42 100
72 41.3 34.6 51.8
71 39.1 32.6 48.8



#30
Chloroform
Concen: 20.50 ug/l
RT: 7.55 min Scan# 953
Delta R.T. 0.01 min
Lab File: VY001427.D
Acq: 30 Jan 2020 14:09

Tgt Ion: 83 Resp: 79799
Ion Ratio Lower Upper
83 100
85 64.5 51.5 77.3

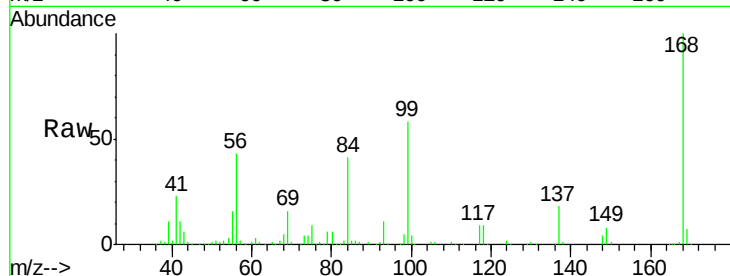




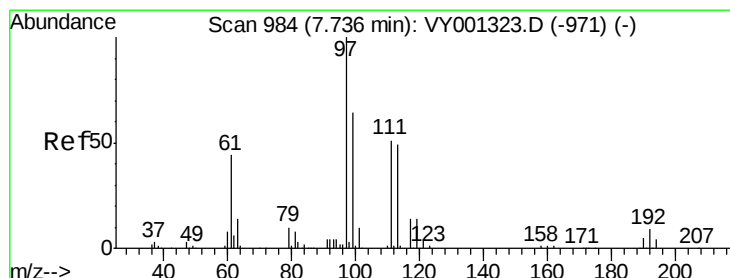
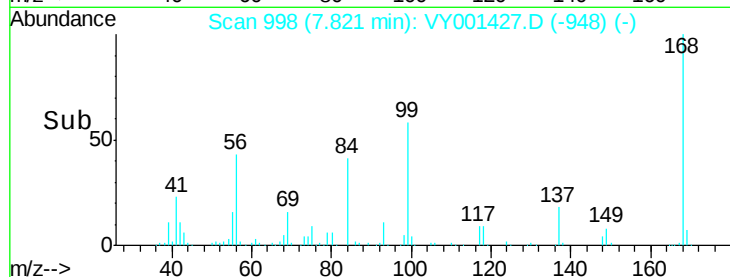
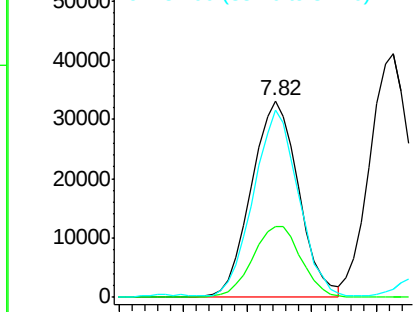
#31
Cyclohexane
Concen: 21.36 ug/l
RT: 7.82 min Scan# 998
Delta R.T. 0.01 min
Lab File: VY001427.D
Acq: 30 Jan 2020 14:09

Instrument :
MSVOA_Y
ClientSampleId :
VY0130SBSD01

Tgt Ion: 56 Resp: 84186
Ion Ratio Lower Upper
56 100
69 36.1 27.6 41.4
84 94.0 69.7 104.5

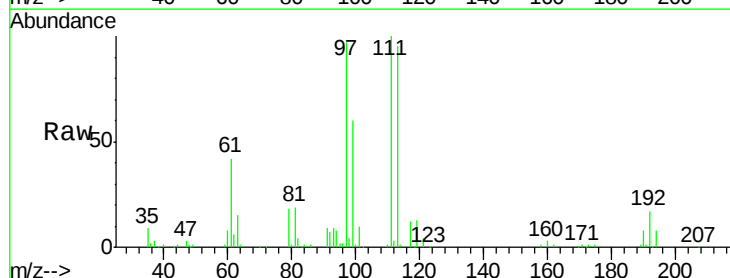


Abundance Ion 56.00 (55.70 to 56.70): VY0
Ion 69.00 (68.70 to 69.70): VY0
Ion 84.00 (83.70 to 84.70): VY0

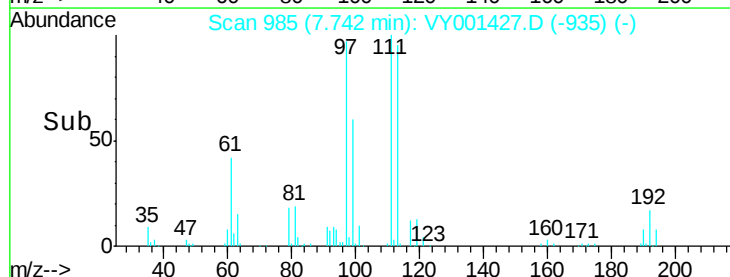
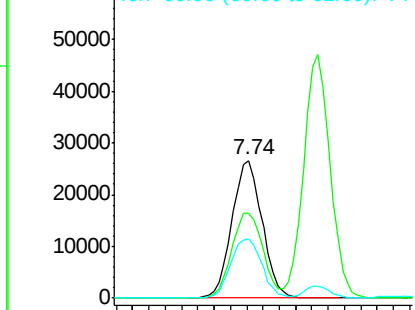


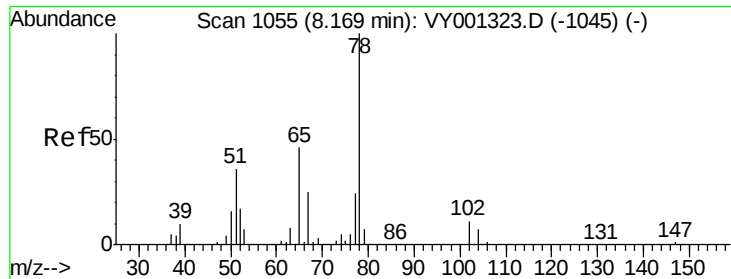
#32
1,1,1-Trichloroethane
Concen: 20.66 ug/l
RT: 7.74 min Scan# 985
Delta R.T. 0.01 min
Lab File: VY001427.D
Acq: 30 Jan 2020 14:09

Tgt Ion: 97 Resp: 67890
Ion Ratio Lower Upper
97 100
99 64.5 51.3 76.9
61 44.3 35.9 53.9



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

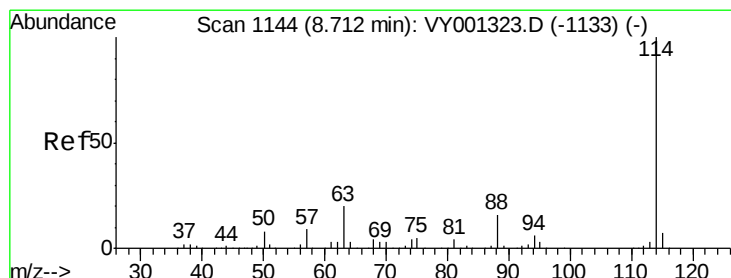
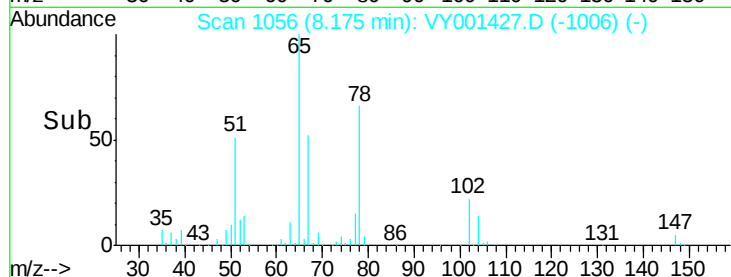
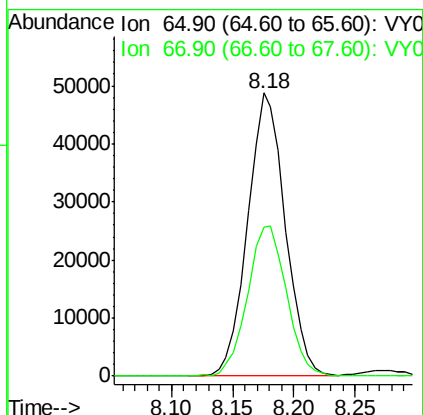
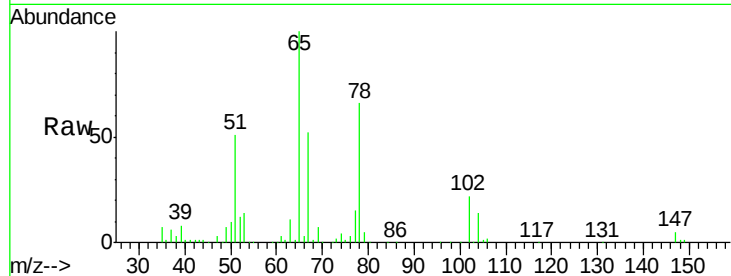




#33
 1,2-Dichloroethane-d4
 Concen: 51.20 ug/l
 RT: 8.18 min Scan# 1056
 Delta R.T. 0.01 min
 Lab File: VY001427.D
 Acq: 30 Jan 2020 14:09

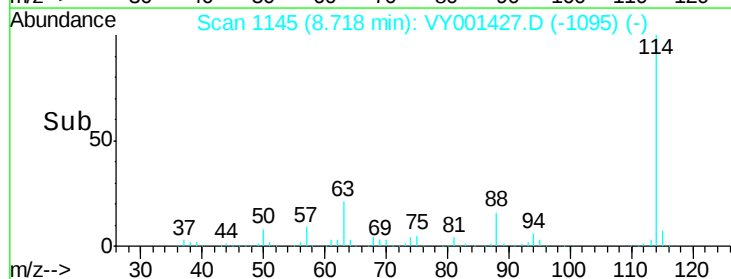
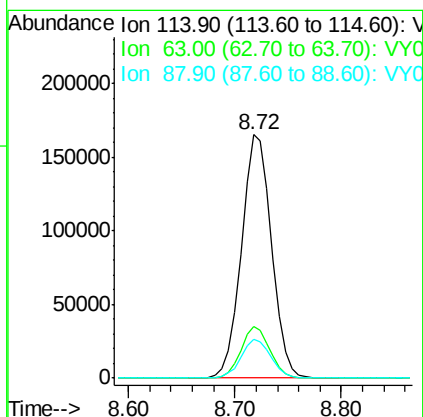
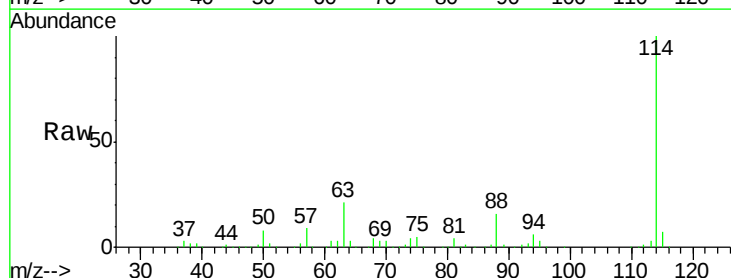
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0130SBSD01

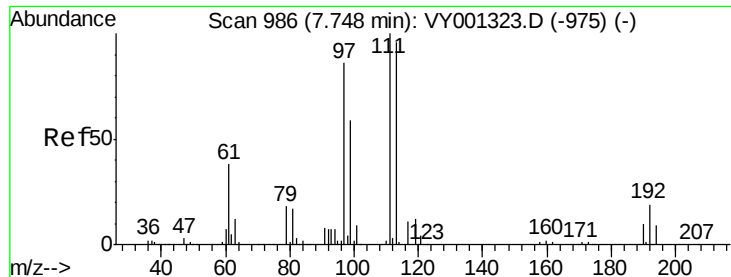
Tgt Ion: 65 Resp: 104381
 Ion Ratio Lower Upper
 65 100
 67 55.0 0.0 108.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.72 min Scan# 1145
 Delta R.T. 0.01 min
 Lab File: VY001427.D
 Acq: 30 Jan 2020 14:09

Tgt Ion: 114 Resp: 326924
 Ion Ratio Lower Upper
 114 100
 63 20.9 0.0 40.8
 88 16.1 0.0 31.0

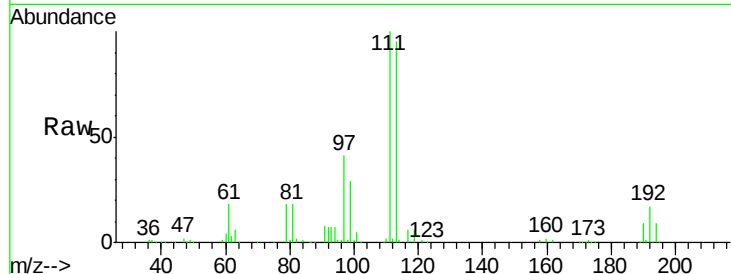




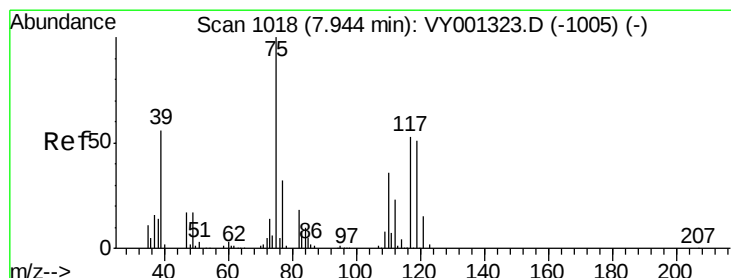
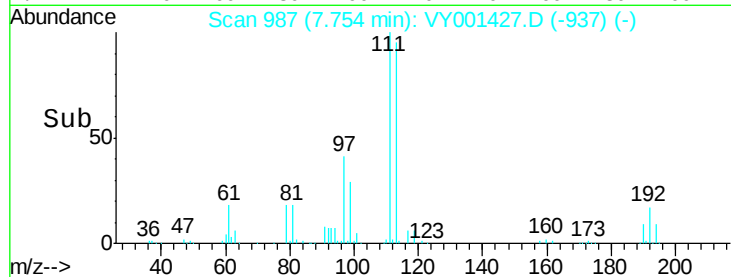
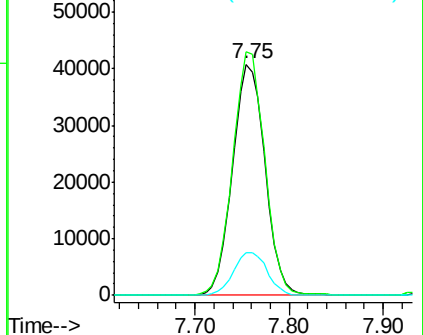
#35
 Dibromofluoromethane
 Concen: 51.20 ug/l
 RT: 7.75 min Scan# 987
 Delta R.T. 0.01 min
 Lab File: VY001427.D
 Acq: 30 Jan 2020 14:09

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0130SBS01

Tgt Ion: 113 Resp: 98231
 Ion Ratio Lower Upper
 113 100
 111 104.5 82.8 124.2
 192 19.3 15.5 23.3

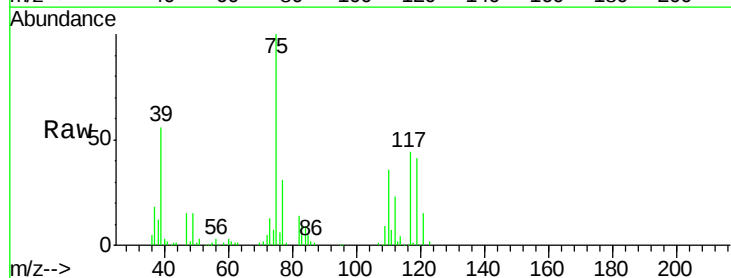


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

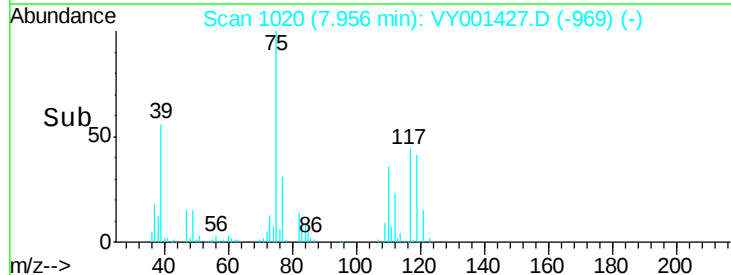
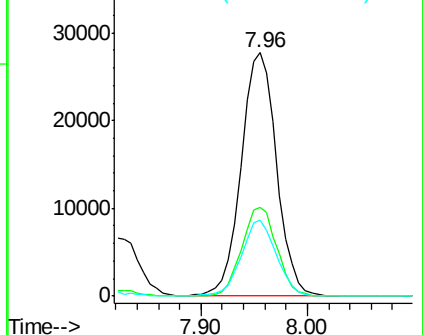


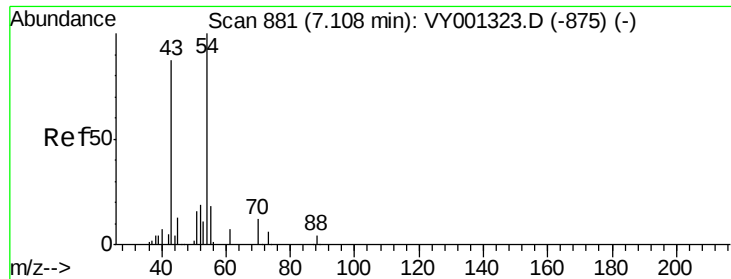
#36
 1,1-Dichloropropene
 Concen: 21.00 ug/l
 RT: 7.96 min Scan# 1020
 Delta R.T. 0.01 min
 Lab File: VY001427.D
 Acq: 30 Jan 2020 14:09

Tgt Ion: 75 Resp: 64868
 Ion Ratio Lower Upper
 75 100
 110 36.2 17.6 52.8
 77 30.9 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

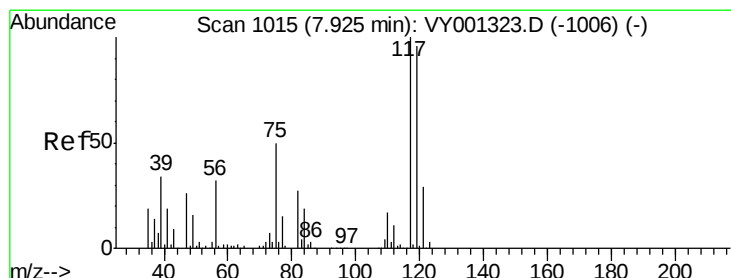
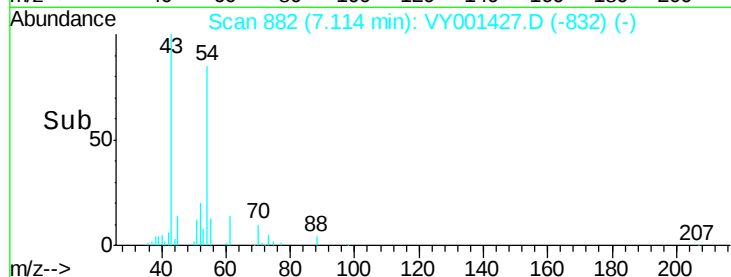
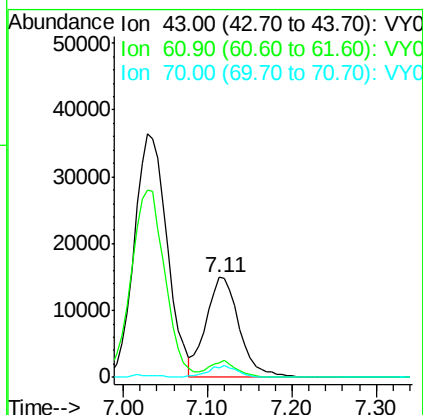
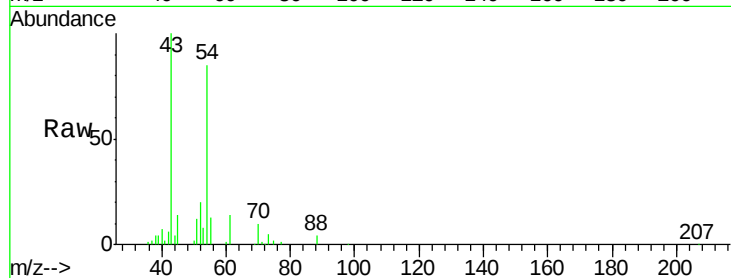




#37
Ethyl Acetate
Concen: 22.00 ug/l
RT: 7.11 min Scan# 882
Delta R.T. 0.01 min
Lab File: VY001427.D
Acq: 30 Jan 2020 14:09

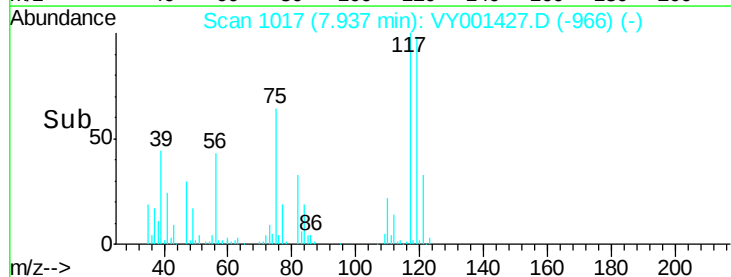
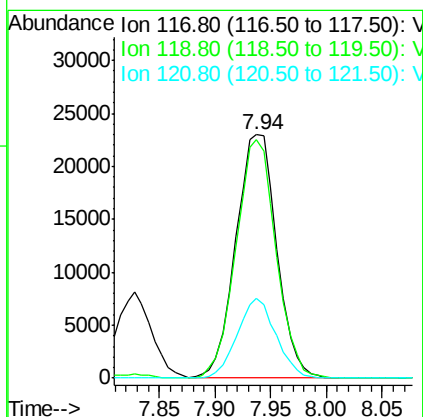
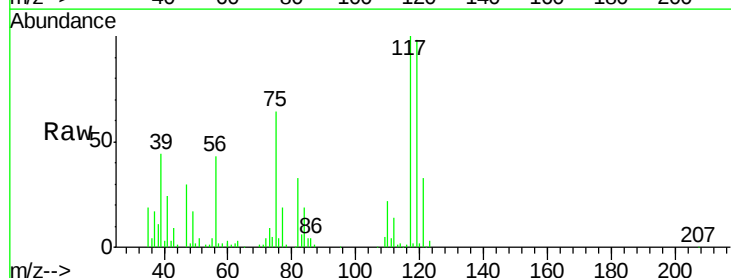
Instrument :
MSVOA_Y
ClientSampleId :
VY0130SBSD01

Tgt Ion: 43 Resp: 41516
Ion Ratio Lower Upper
43 100
61 13.7 11.3 16.9
70 10.5 8.7 13.1



#38
Carbon Tetrachloride
Concen: 21.36 ug/l
RT: 7.94 min Scan# 1017
Delta R.T. 0.01 min
Lab File: VY001427.D
Acq: 30 Jan 2020 14:09

Tgt Ion: 117 Resp: 58796
Ion Ratio Lower Upper
117 100
119 98.0 76.3 114.5
121 33.0 23.5 35.3

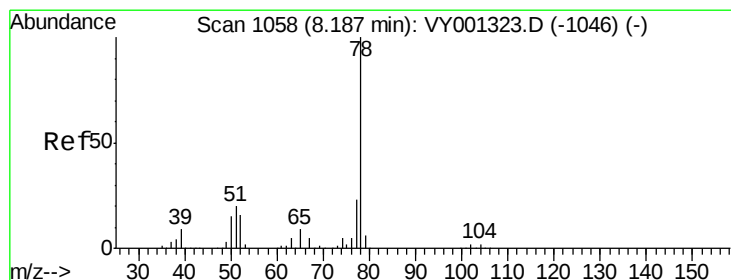
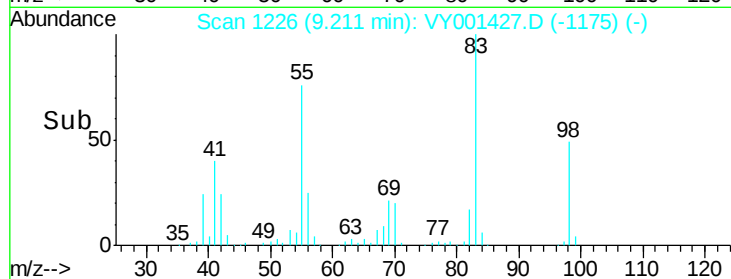
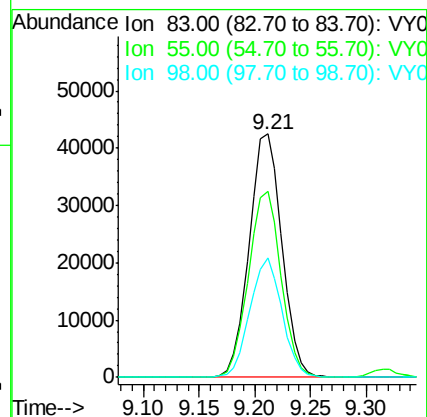
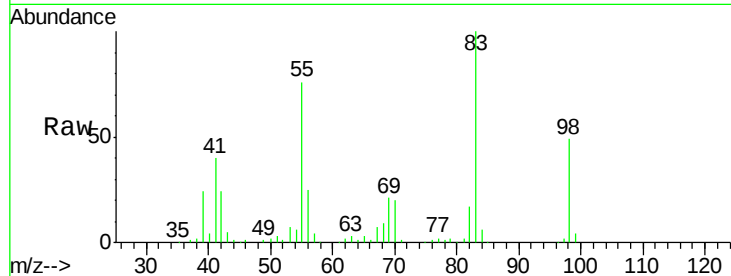




#39
Methylcyclohexane
Concen: 22.03 ug/l
RT: 9.21 min Scan# 1226
Delta R.T. 0.01 min
Lab File: VY001427.D
Acq: 30 Jan 2020 14:09

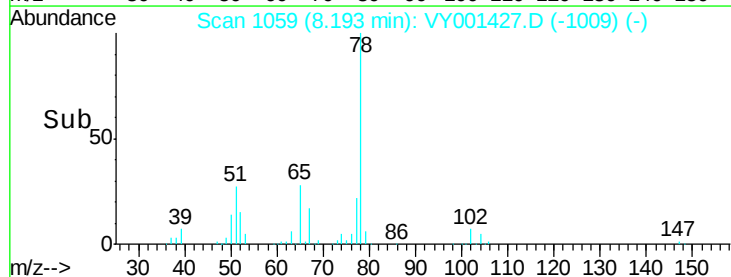
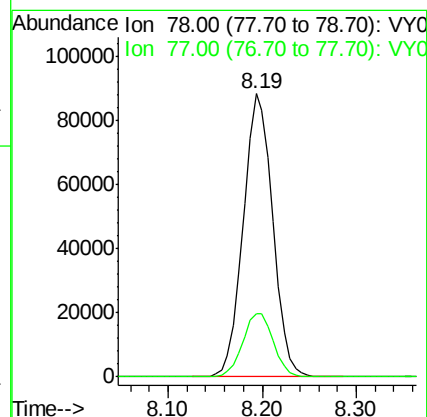
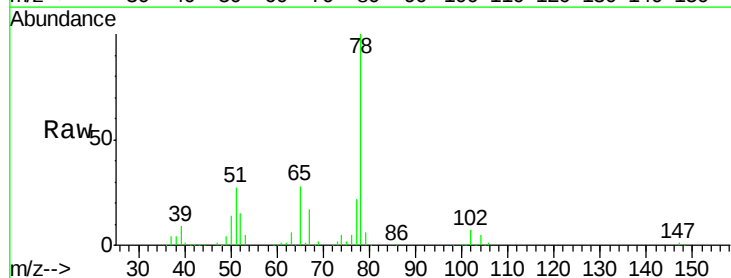
Instrument :
MSVOA_Y
ClientSampleId :
VY0130SBS01

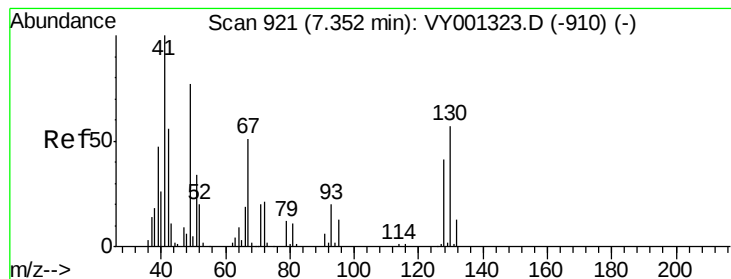
Tgt Ion: 83 Resp: 87164
Ion Ratio Lower Upper
83 100
55 76.3 60.7 91.1
98 49.2 37.8 56.8



#40
Benzene
Concen: 20.83 ug/l
RT: 8.19 min Scan# 1059
Delta R.T. 0.01 min
Lab File: VY001427.D
Acq: 30 Jan 2020 14:09

Tgt Ion: 78 Resp: 192894
Ion Ratio Lower Upper
78 100
77 22.4 18.6 27.8





#41

Methacrylonitrile

Concen: 56.74 ug/l

RT: 7.39 min Scan# 927

Delta R.T. 0.04 min

Lab File: VY001427.D

Acq: 30 Jan 2020 14:09

Instrument :

MSVOA_Y

ClientSampleId :

VY0130SBSD01

Tgt Ion: 41 Resp: 55251

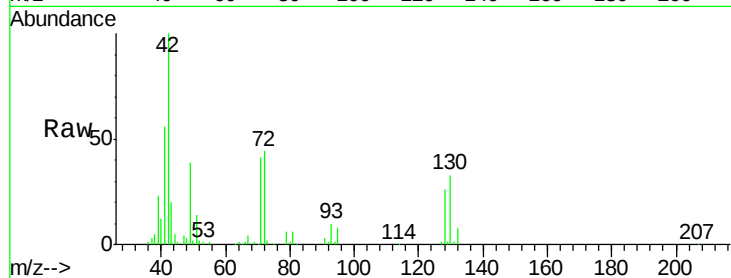
Ion Ratio Lower Upper

41 100

39 45.6 0.0 0.0#

67 0.0 0.0 0.0

52 0.0 0.0 0.0

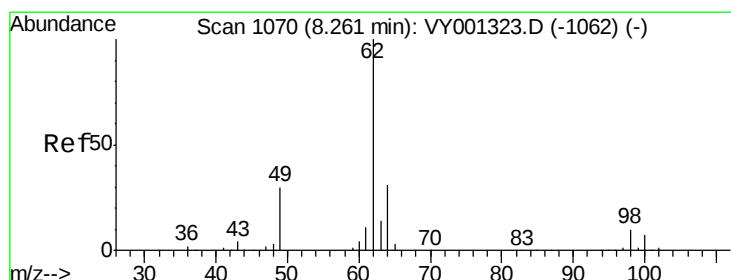
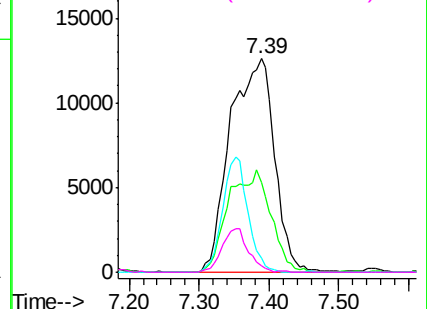
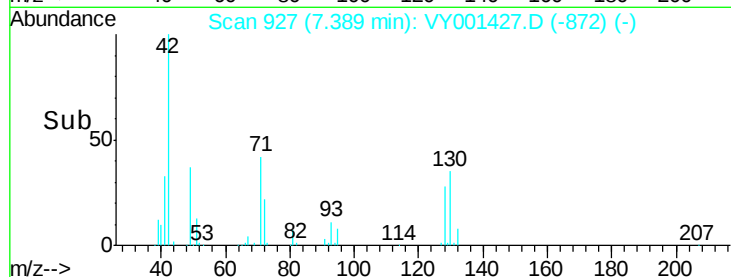


Abundance Ion 41.00 (40.70 to 41.70): VY0

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: 20.38 ug/l

RT: 8.27 min Scan# 1072

Delta R.T. 0.01 min

Lab File: VY001427.D

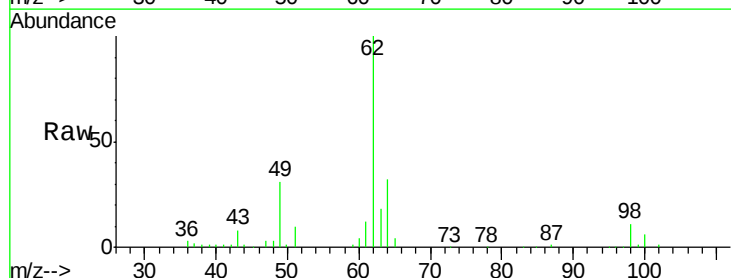
Acq: 30 Jan 2020 14:09

Tgt Ion: 62 Resp: 52724

Ion Ratio Lower Upper

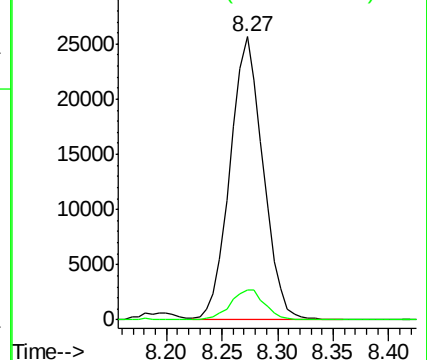
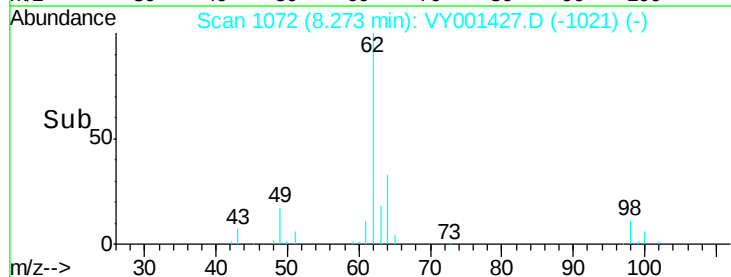
62 100

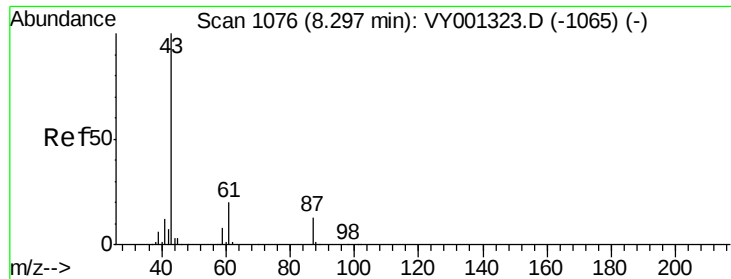
98 11.0 0.0 20.8



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 97.90 (97.60 to 98.60): VY0





#43

Isopropyl Acetate

Concen: 21.04 ug/l

RT: 8.31 min Scan# 1078

Delta R.T. 0.01 min

Lab File: VY001427.D

Acq: 30 Jan 2020 14:09

Instrument :

MSVOA_Y

ClientSampleId :

VY0130SBS01

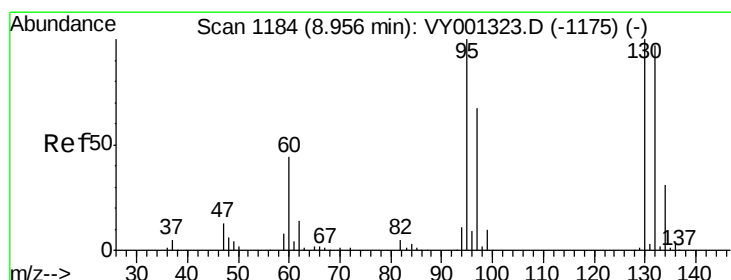
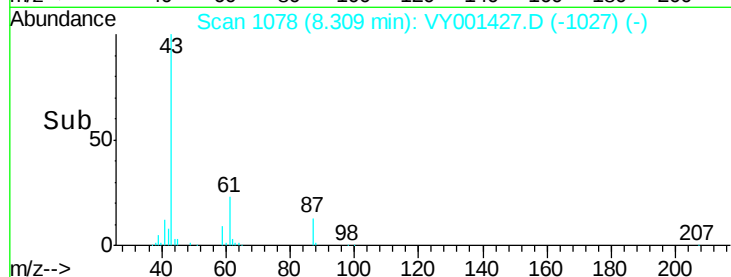
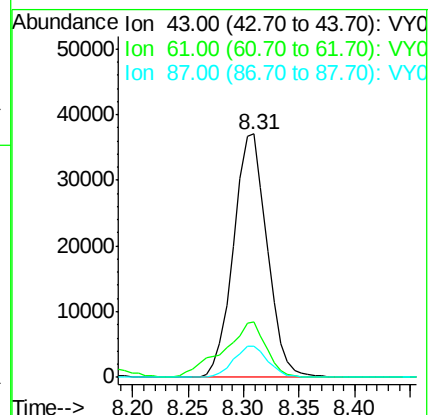
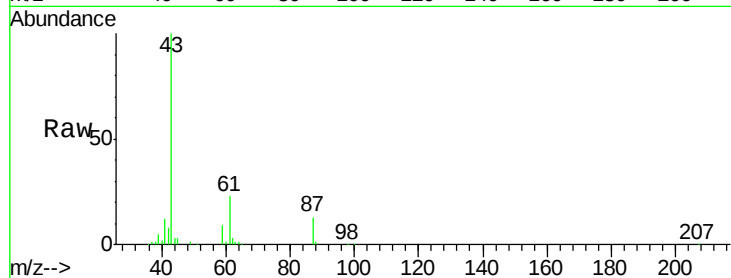
Tgt Ion: 43 Resp: 77218

Ion Ratio Lower Upper

43 100

61 29.2 22.7 34.1

87 13.1 11.0 16.4



#44

Trichloroethene

Concen: 20.98 ug/l

RT: 8.97 min Scan# 1186

Delta R.T. 0.01 min

Lab File: VY001427.D

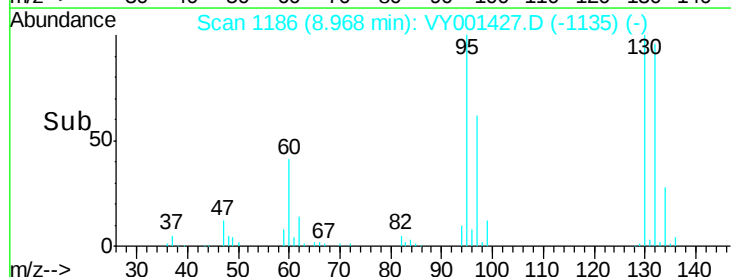
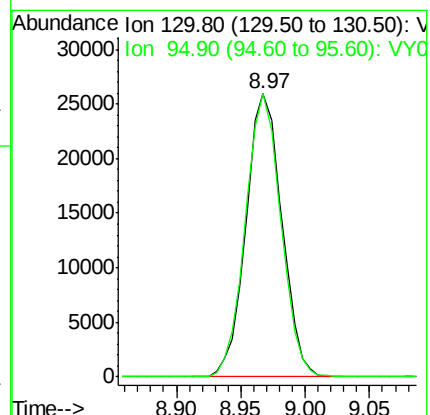
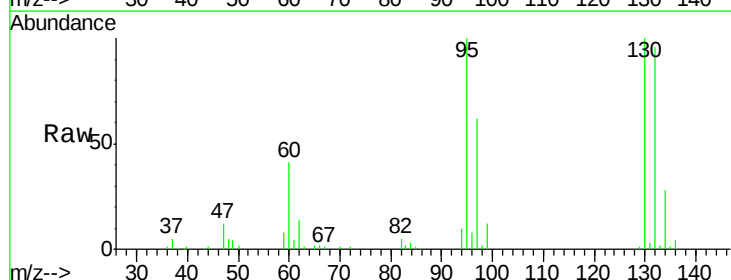
Acq: 30 Jan 2020 14:09

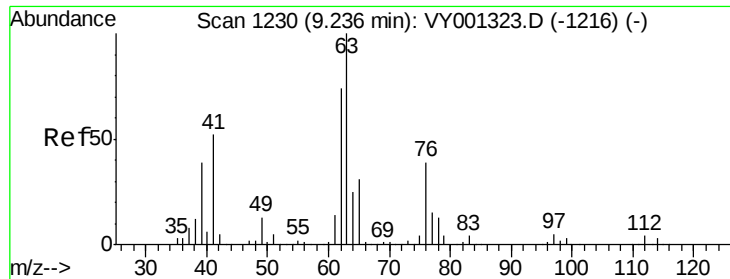
Tgt Ion: 130 Resp: 49861

Ion Ratio Lower Upper

130 100

95 100.0 0.0 200.0

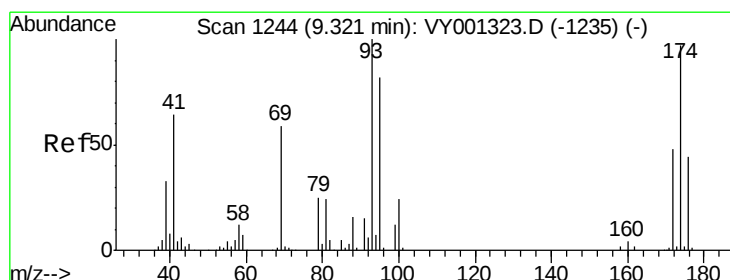
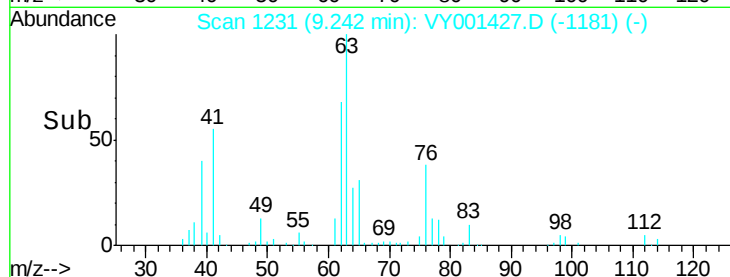
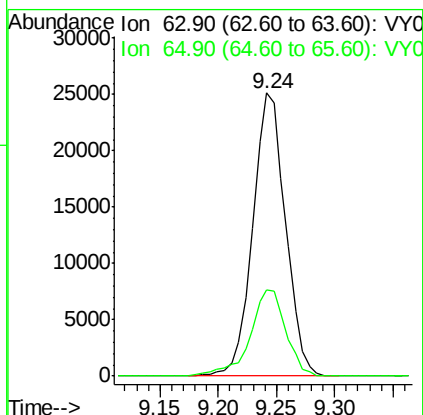
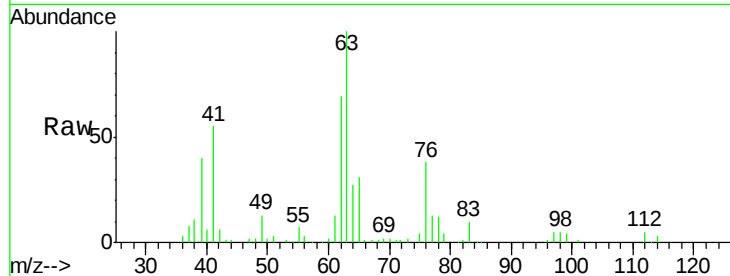




#45
 1,2-Dichloropropane
 Concen: 20.93 ug/l
 RT: 9.24 min Scan# 1231
 Delta R.T. 0.01 min
 Lab File: VY001427.D
 Acq: 30 Jan 2020 14:09

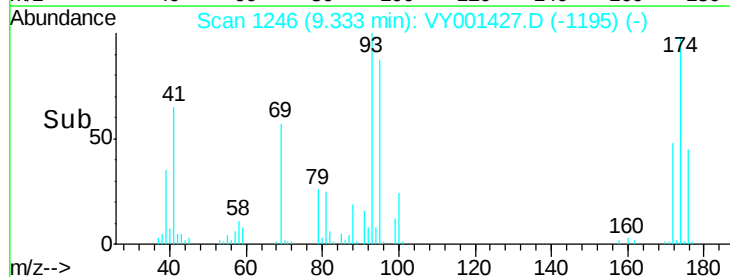
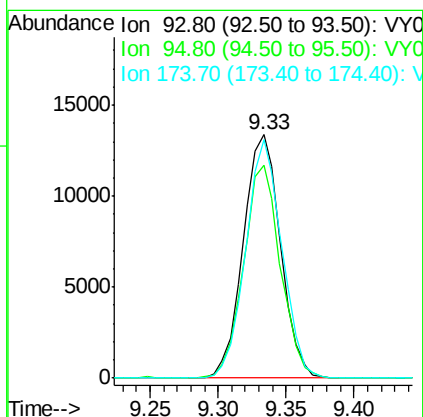
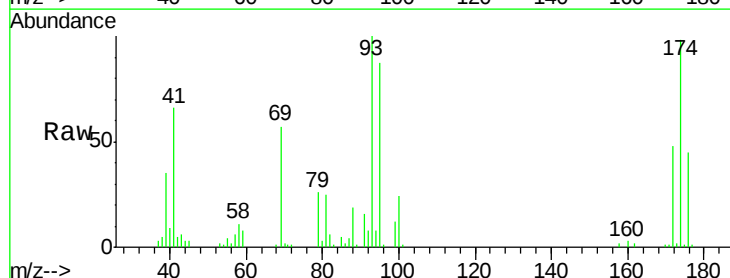
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0130SBS01

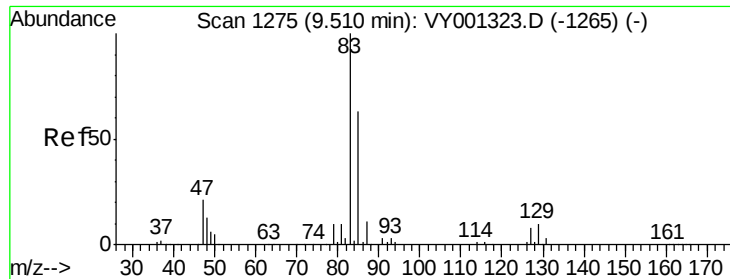
Tgt Ion: 63 Resp: 49003
 Ion Ratio Lower Upper
 63 100
 65 30.5 24.9 37.3



#46
 Dibromomethane
 Concen: 20.42 ug/l
 RT: 9.33 min Scan# 1246
 Delta R.T. 0.01 min
 Lab File: VY001427.D
 Acq: 30 Jan 2020 14:09

Tgt Ion: 93 Resp: 25661
 Ion Ratio Lower Upper
 93 100
 95 86.3 66.5 99.7
 174 94.7 77.9 116.9





#47

Bromodichloromethane

Concen: 20.71 ug/l

RT: 9.52 min Scan# 1277

Delta R.T. 0.01 min

Lab File: VY001427.D

Acq: 30 Jan 2020 14:09

Instrument :

MSVOA_Y

ClientSampleId :

VY0130SBS01

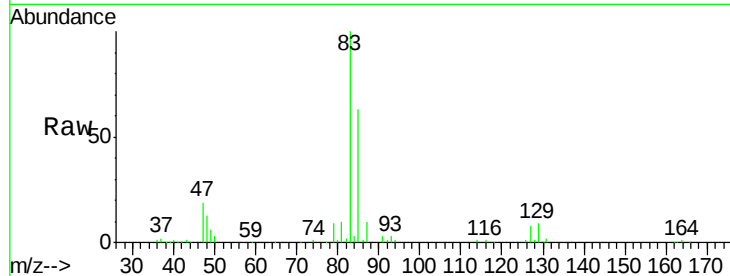
Tgt Ion: 83 Resp: 62235

Ion Ratio Lower Upper

83 100

85 63.2 50.2 75.2

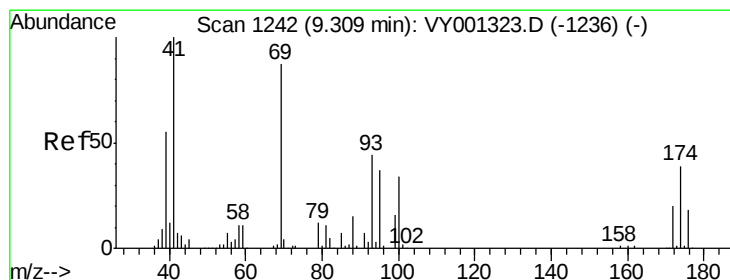
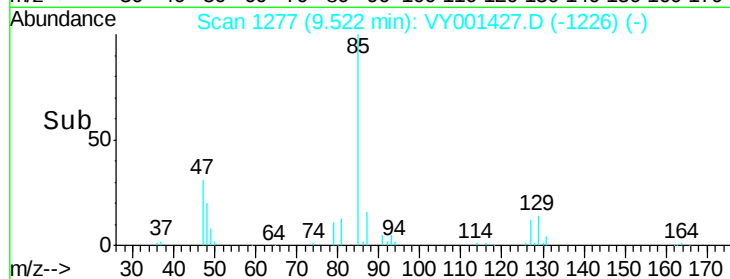
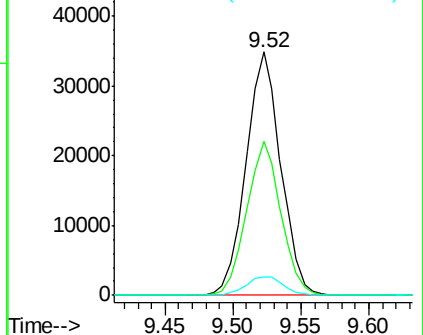
127 7.7 6.4 9.6



Abundance Ion 82.90 (82.60 to 83.60): VY0

Ion 84.90 (84.60 to 85.60): VY0

Ion 126.80 (126.50 to 127.50): VY0



#48

Methyl methacrylate

Concen: 21.09 ug/l

RT: 9.32 min Scan# 1243

Delta R.T. 0.01 min

Lab File: VY001427.D

Acq: 30 Jan 2020 14:09

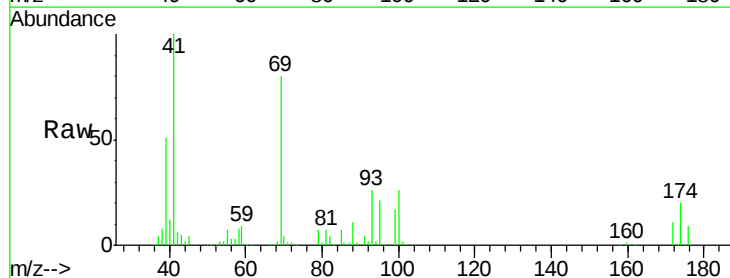
Tgt Ion: 41 Resp: 35185

Ion Ratio Lower Upper

41 100

69 87.3 70.2 105.4

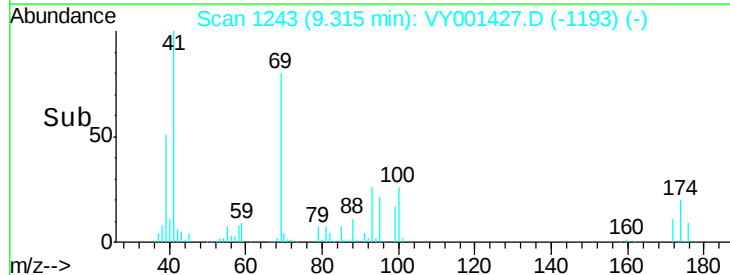
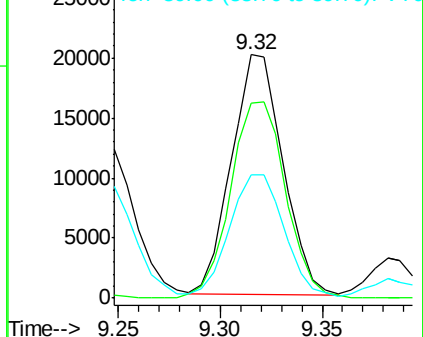
39 53.1 45.7 68.5

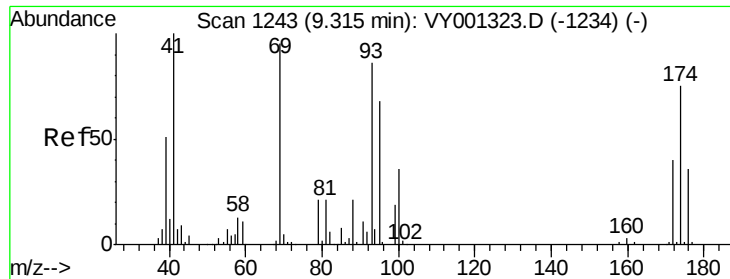


Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 69.00 (68.70 to 69.70): VY0

Ion 39.00 (38.70 to 39.70): VY0





#49

1,4-Dioxane

Concen: 428.40 ug/l

RT: 9.33 min Scan# 1245

Delta R.T. 0.01 min

Lab File: VY001427.D

Acq: 30 Jan 2020 14:09

Instrument :

MSVOA_Y

ClientSampleId :

VY0130SBS01

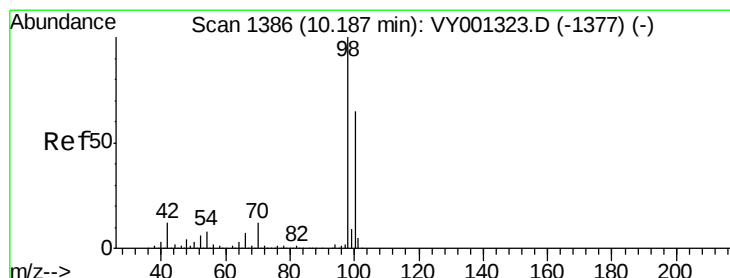
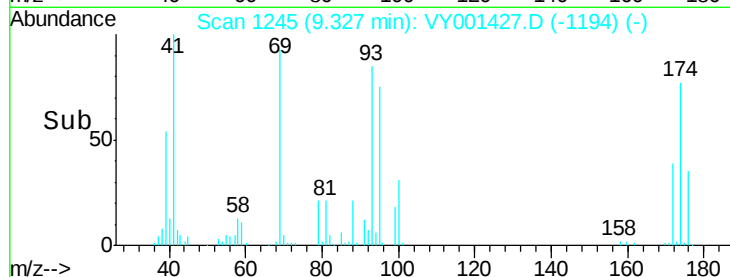
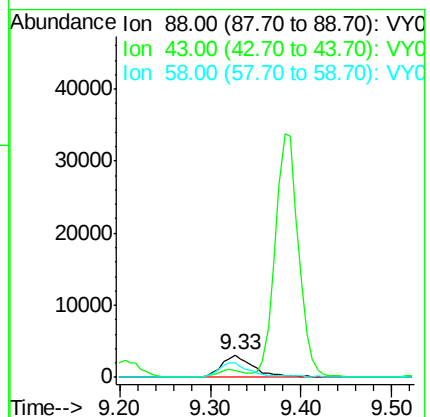
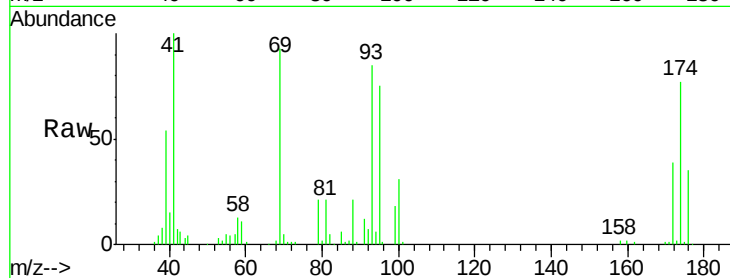
Tgt Ion: 88 Resp: 7593

Ion Ratio Lower Upper

88 100

43 29.0 28.2 42.2

58 64.2 55.6 83.4



#50

Toluene-d8

Concen: 53.47 ug/l

RT: 10.20 min Scan# 1388

Delta R.T. 0.01 min

Lab File: VY001427.D

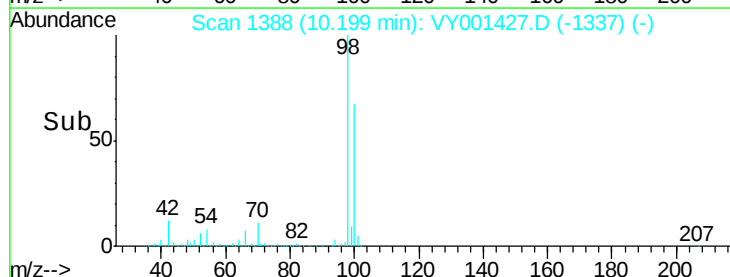
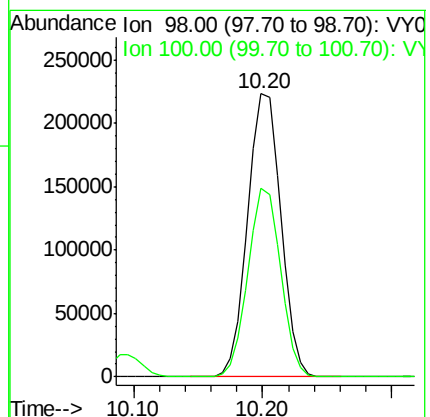
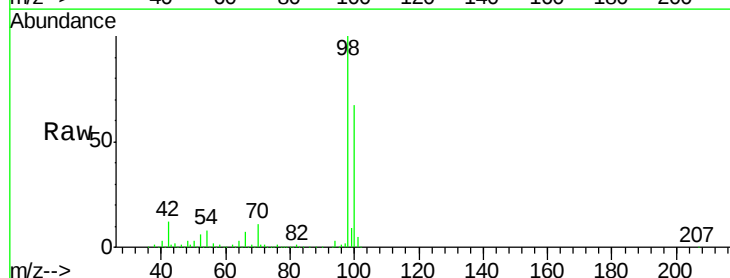
Acq: 30 Jan 2020 14:09

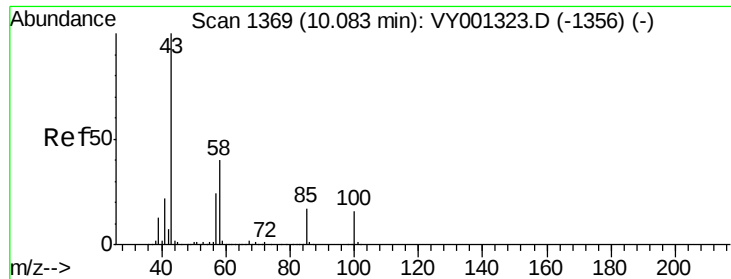
Tgt Ion: 98 Resp: 398599

Ion Ratio Lower Upper

98 100

100 65.5 52.6 79.0





#51

4-Methyl-2-Pentanone

Concen: 106.91 ug/l

RT: 10.10 min Scan# 1371

Delta R.T. 0.01 min

Lab File: VY001427.D

Acq: 30 Jan 2020 14:09

Instrument :

MSVOA_Y

ClientSampleId :

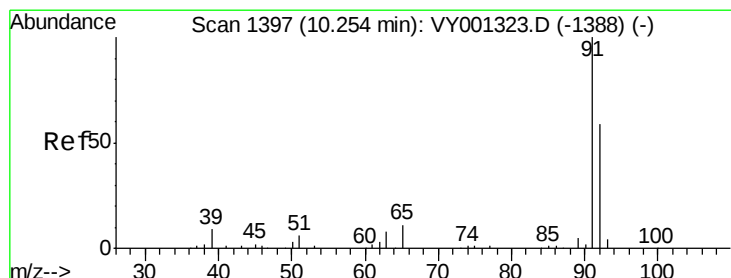
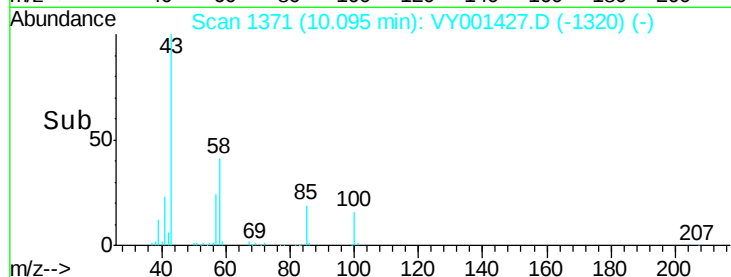
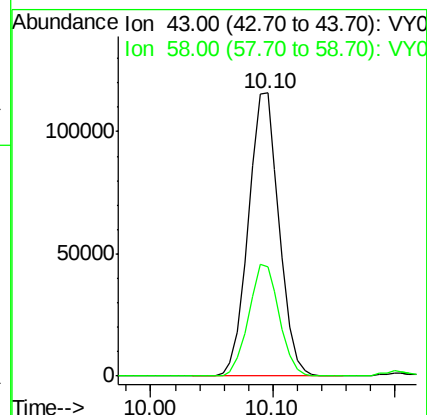
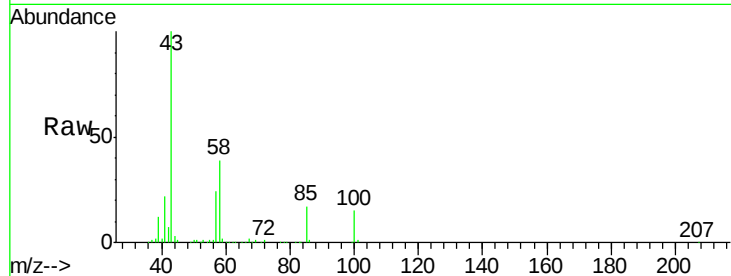
VY0130SBSD01

Tgt Ion: 43 Resp: 202031

Ion Ratio Lower Upper

43 100

58 39.4 31.5 47.3



#52

Toluene

Concen: 20.62 ug/l

RT: 10.27 min Scan# 1399

Delta R.T. 0.01 min

Lab File: VY001427.D

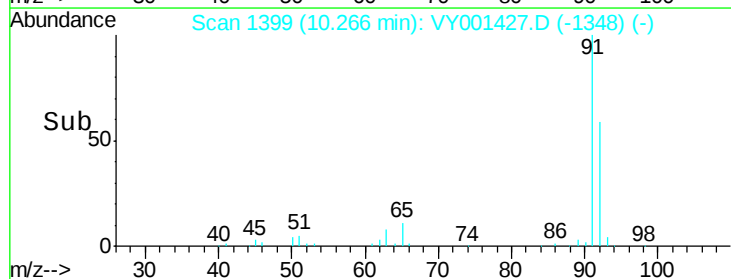
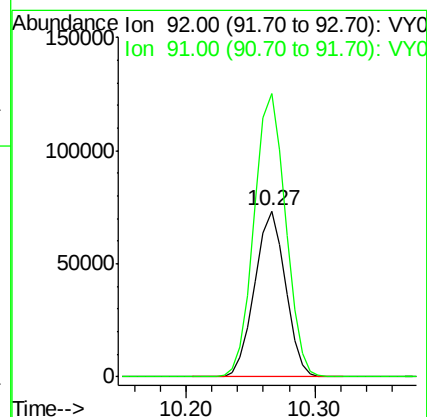
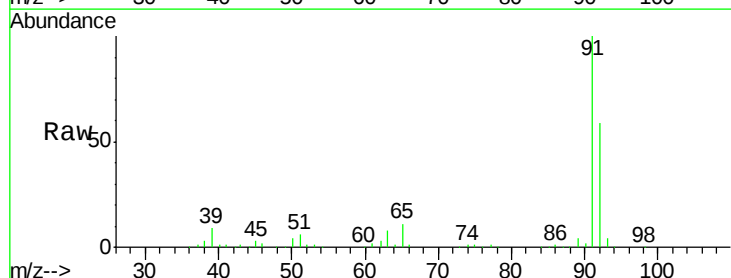
Acq: 30 Jan 2020 14:09

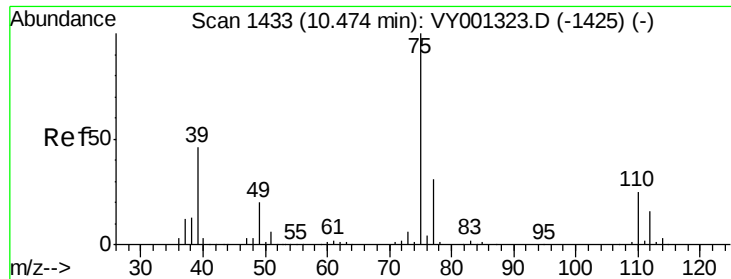
Tgt Ion: 92 Resp: 121074

Ion Ratio Lower Upper

92 100

91 174.1 136.4 204.6





#53

t-1,3-Dichloropropene

Concen: 20.39 ug/l

RT: 10.49 min Scan# 1435

Delta R.T. 0.01 min

Lab File: VY001427.D

Acq: 30 Jan 2020 14:09

Instrument :

MSVOA_Y

ClientSampleId :

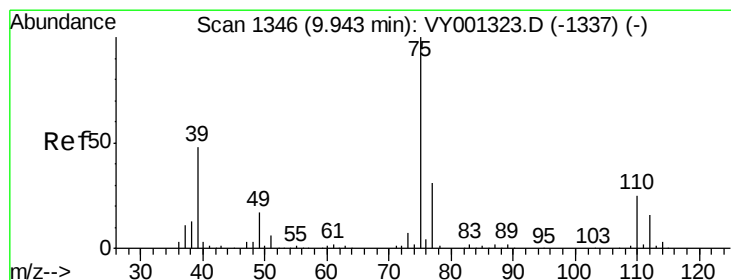
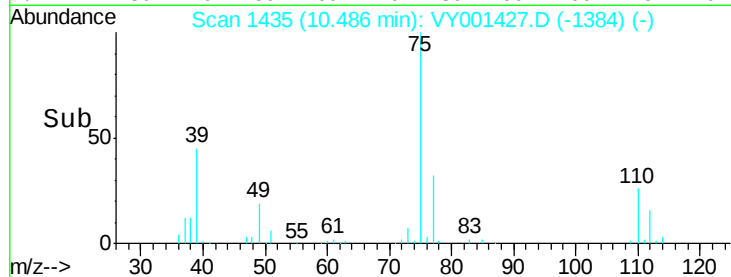
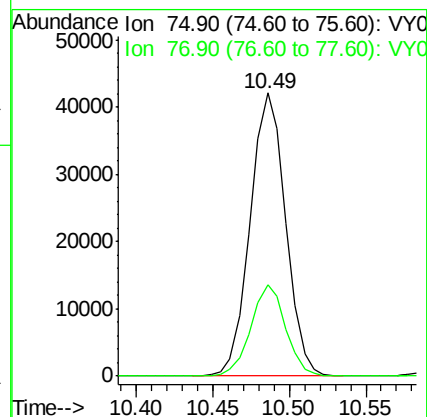
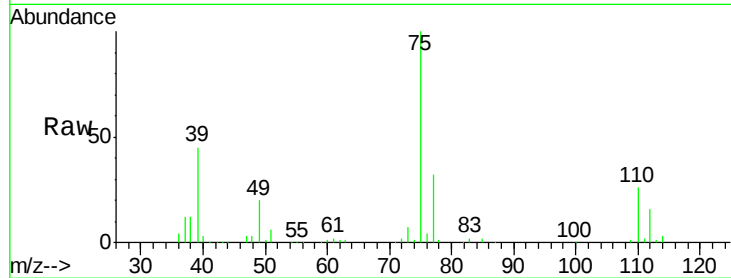
VY0130SBS01

Tgt Ion: 75 Resp: 67906

Ion Ratio Lower Upper

75 100

77 32.5 25.2 37.8



#54

cis-1,3-Dichloropropene

Concen: 20.77 ug/l

RT: 9.95 min Scan# 1347

Delta R.T. 0.01 min

Lab File: VY001427.D

Acq: 30 Jan 2020 14:09

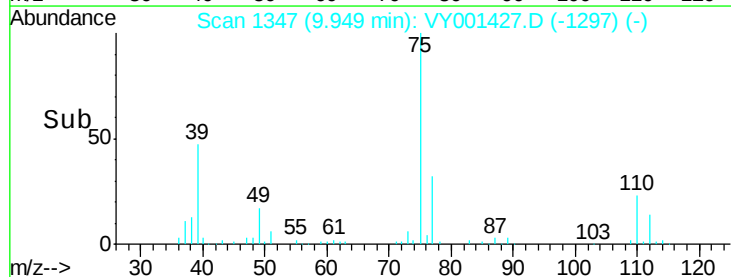
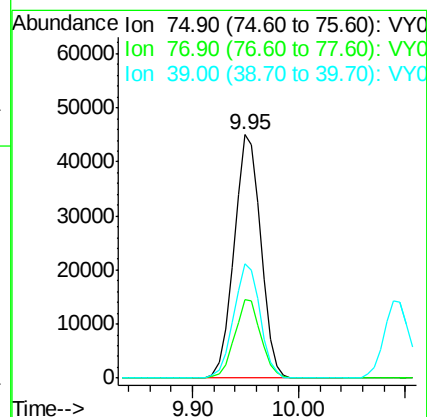
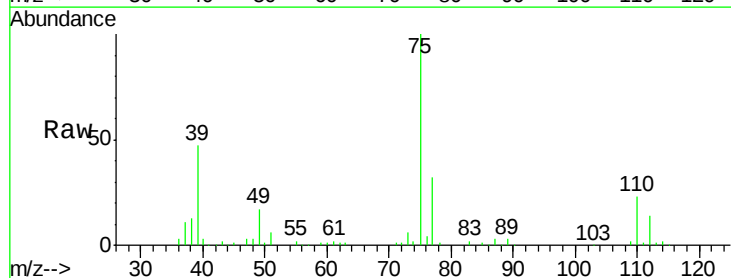
Tgt Ion: 75 Resp: 79382

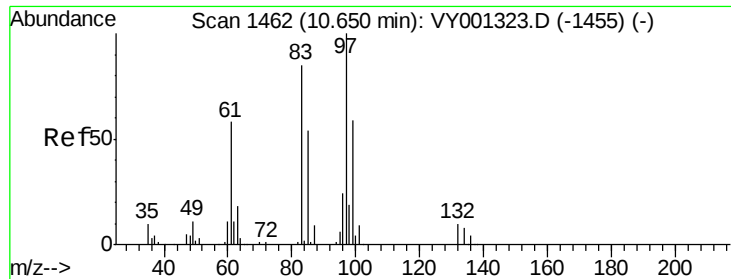
Ion Ratio Lower Upper

75 100

77 32.1 25.0 37.6

39 46.7 38.2 57.4





#55

1,1,2-Trichloroethane

Concen: 20.60 ug/l

RT: 10.67 min Scan# 1465

Delta R.T. 0.02 min

Lab File: VY001427.D

Acq: 30 Jan 2020 14:09

Instrument :

MSVOA_Y

ClientSampleId :

VY0130SBS01

Tgt Ion: 97 Resp: 38207

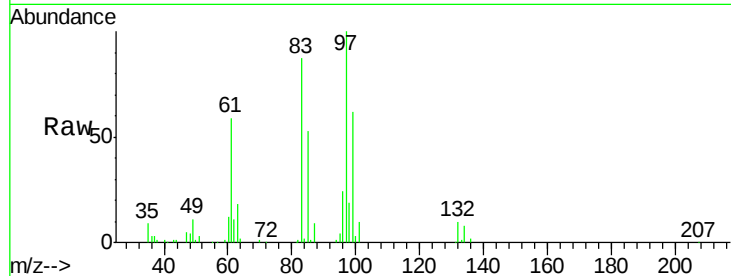
Ion Ratio Lower Upper

97 100

83 86.6 68.0 102.0

85 52.7 43.6 65.4

99 61.9 47.1 70.7

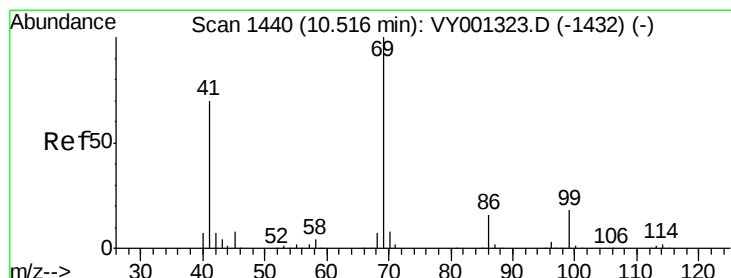
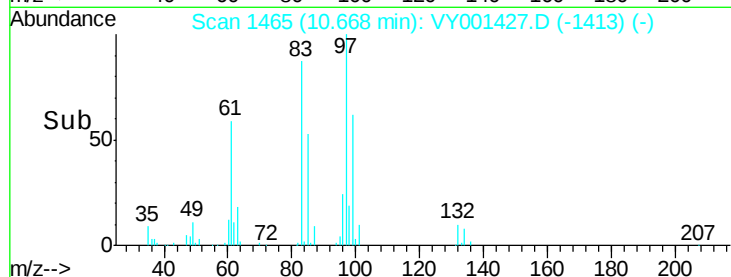
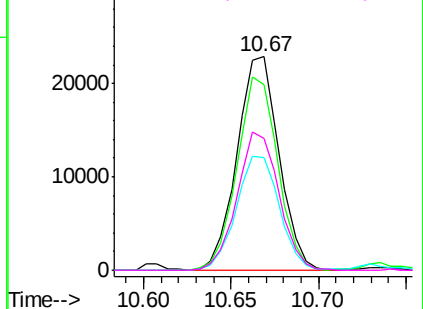


Abundance Ion 96.90 (96.60 to 97.60): VY0

Ion 82.90 (82.60 to 83.60): VY0

Ion 84.90 (84.60 to 85.60): VY0

Ion 98.90 (98.60 to 99.60): VY0



#56

Ethyl methacrylate

Concen: 20.69 ug/l

RT: 10.53 min Scan# 1442

Delta R.T. 0.01 min

Lab File: VY001427.D

Acq: 30 Jan 2020 14:09

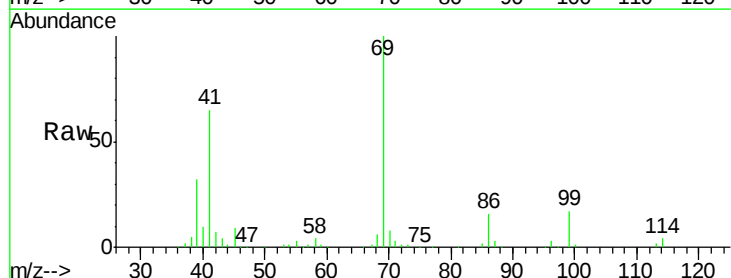
Tgt Ion: 69 Resp: 57998

Ion Ratio Lower Upper

69 100

41 66.2 54.1 81.1

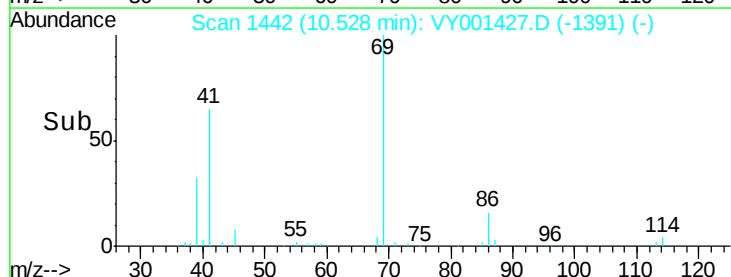
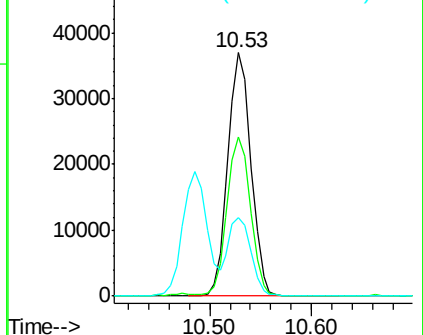
39 31.8 26.8 40.2

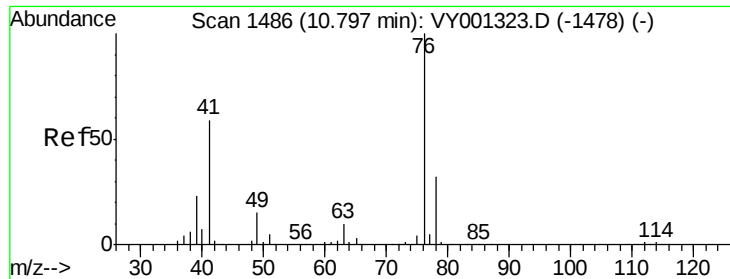


Abundance Ion 69.00 (68.70 to 69.70): VY0

Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

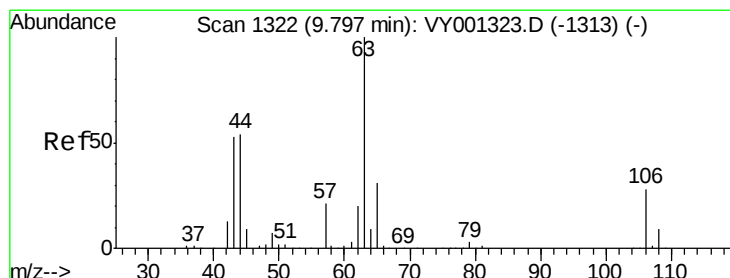
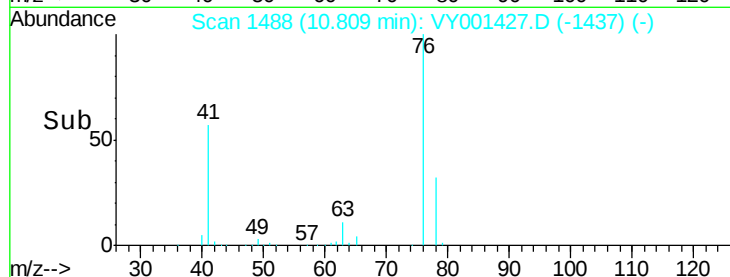
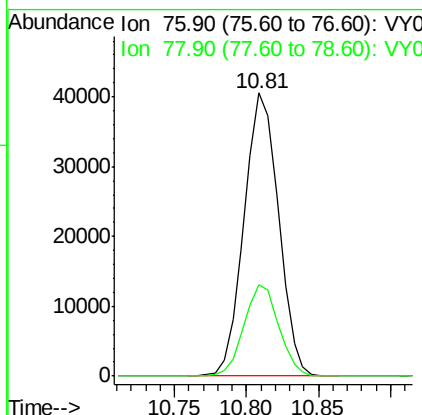
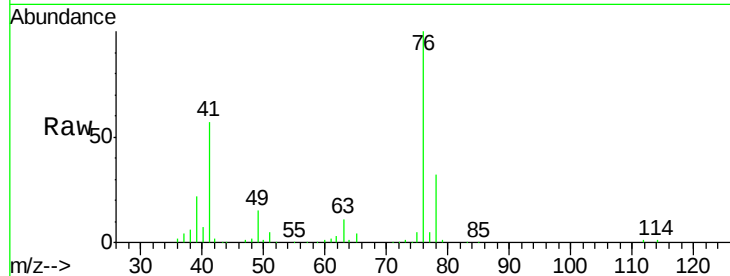




#57
 1,3-Dichloropropane
 Concen: 20.82 ug/l
 RT: 10.81 min Scan# 1488
 Delta R.T. 0.01 min
 Lab File: VY001427.D
 Acq: 30 Jan 2020 14:09

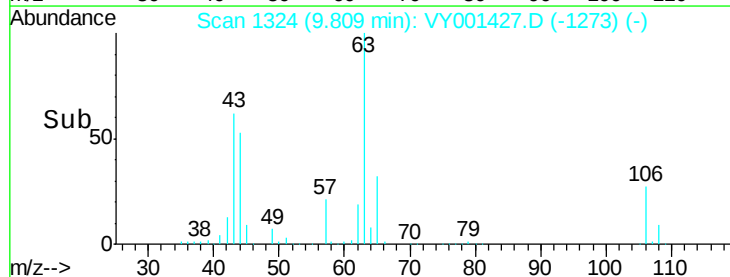
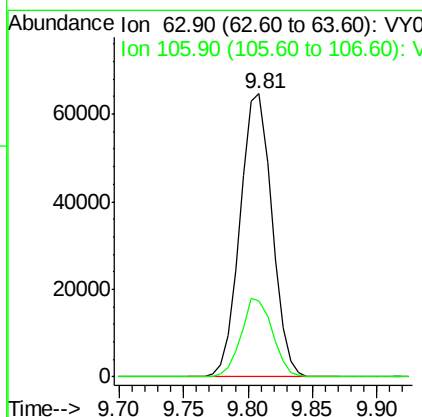
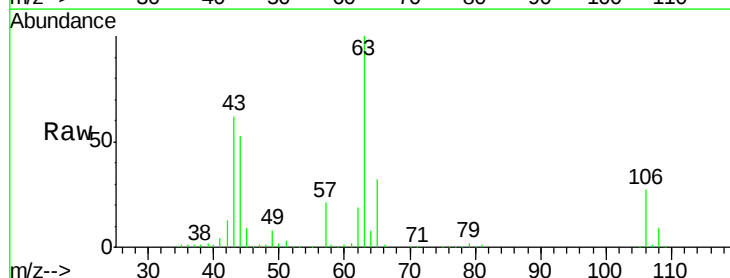
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0130SBS01

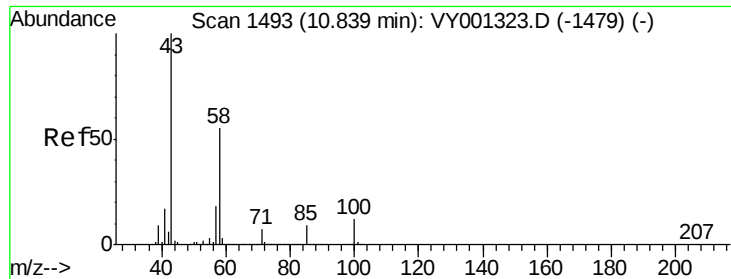
Tgt Ion: 76 Resp: 67287
 Ion Ratio Lower Upper
 76 100
 78 32.4 25.8 38.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 114.26 ug/l
 RT: 9.81 min Scan# 1324
 Delta R.T. 0.01 min
 Lab File: VY001427.D
 Acq: 30 Jan 2020 14:09

Tgt Ion: 63 Resp: 110852
 Ion Ratio Lower Upper
 63 100
 106 27.1 22.5 33.7

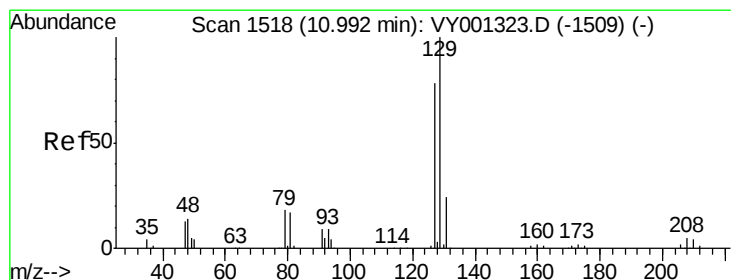
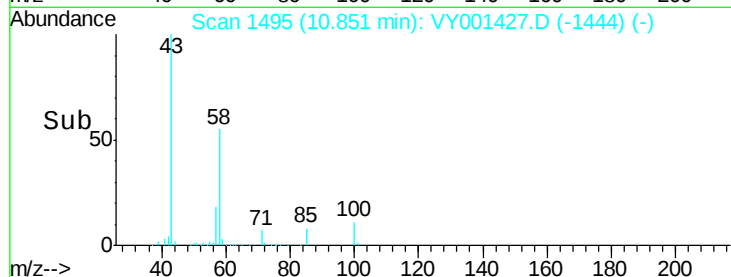
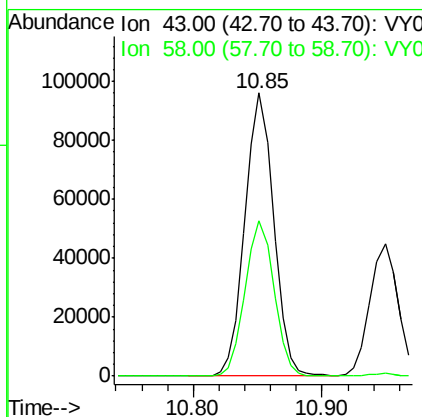
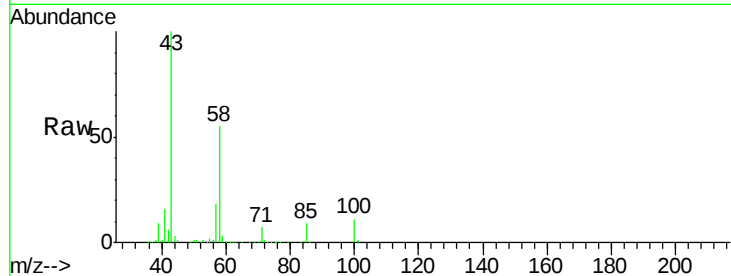




#59
2-Hexanone
Concen: 112.73 ug/l
RT: 10.85 min Scan# 1495
Delta R.T. 0.01 min
Lab File: VY001427.D
Acq: 30 Jan 2020 14:09

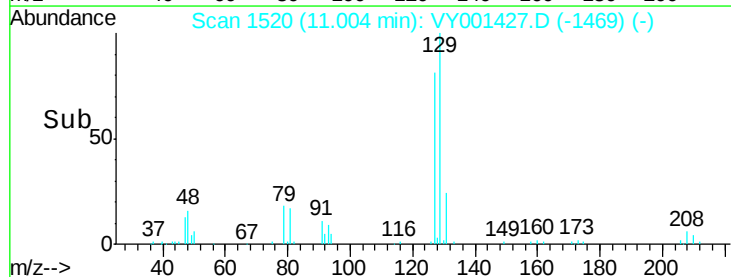
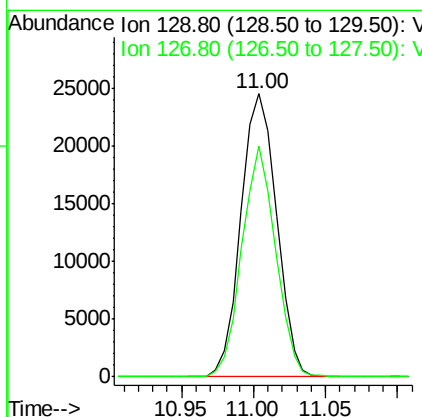
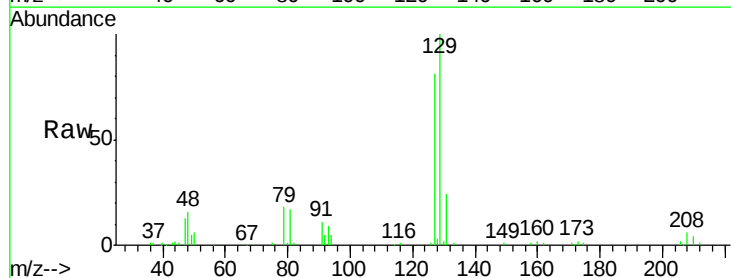
Instrument :
MSVOA_Y
ClientSampleId :
VY0130SBS01

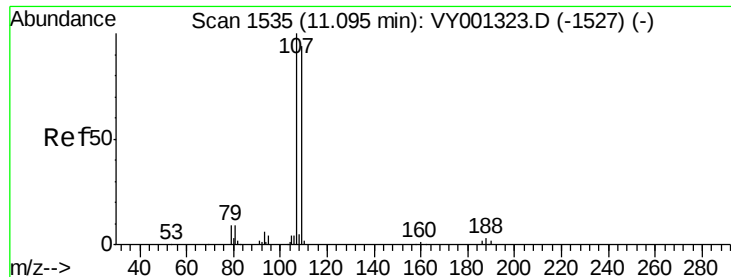
Tgt Ion: 43 Resp: 148300
Ion Ratio Lower Upper
43 100
58 55.1 27.6 82.8



#60
Dibromochloromethane
Concen: 20.35 ug/l
RT: 11.00 min Scan# 1520
Delta R.T. 0.01 min
Lab File: VY001427.D
Acq: 30 Jan 2020 14:09

Tgt Ion: 129 Resp: 42220
Ion Ratio Lower Upper
129 100
127 76.9 38.8 116.4





#61

1,2-Dibromoethane

Concen: 21.07 ug/l

RT: 11.11 min Scan# 1537

Delta R.T. 0.01 min

Lab File: VY001427.D

Acq: 30 Jan 2020 14:09

Instrument :

MSVOA_Y

ClientSampleId :

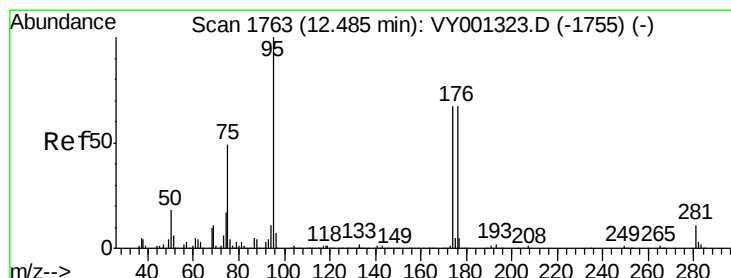
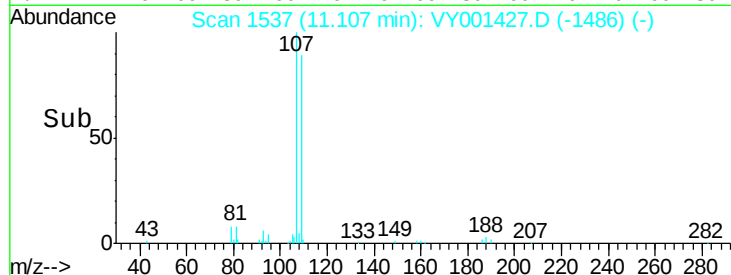
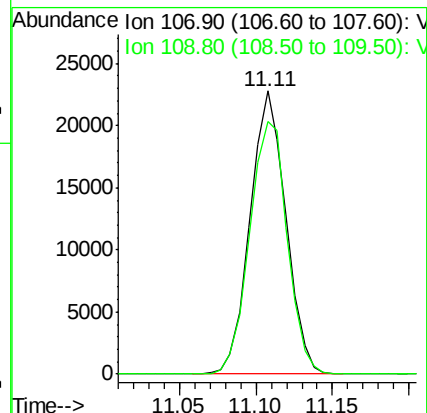
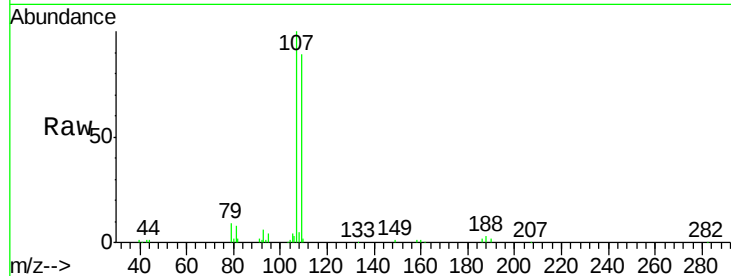
VY0130SBSD01

Tgt Ion: 107 Resp: 36949

Ion Ratio Lower Upper

107 100

109 94.1 75.0 112.6



#62

4-Bromofluorobenzene

Concen: 49.89 ug/l

RT: 12.50 min Scan# 1765

Delta R.T. 0.01 min

Lab File: VY001427.D

Acq: 30 Jan 2020 14:09

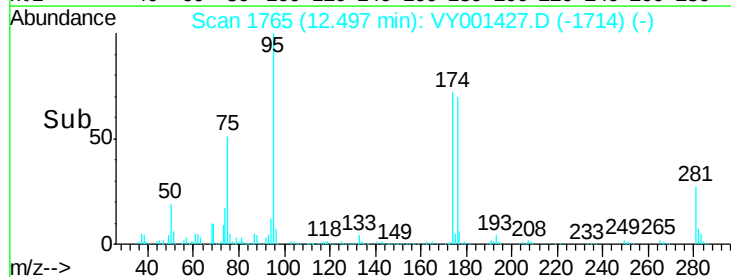
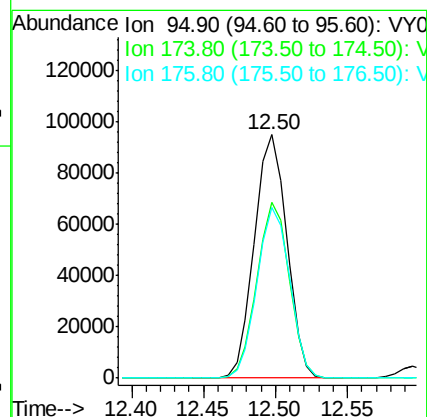
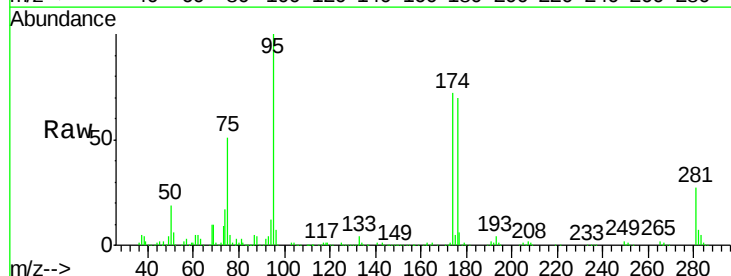
Tgt Ion: 95 Resp: 148121

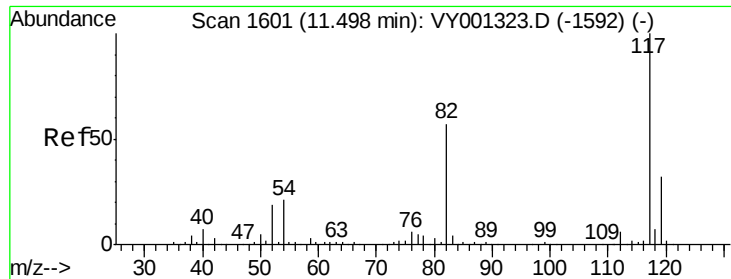
Ion Ratio Lower Upper

95 100

174 71.7 0.0 142.0

176 70.4 0.0 138.6

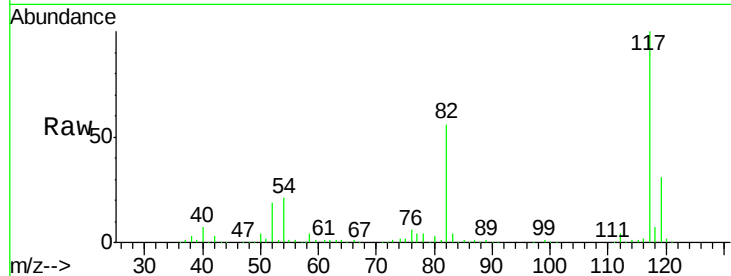




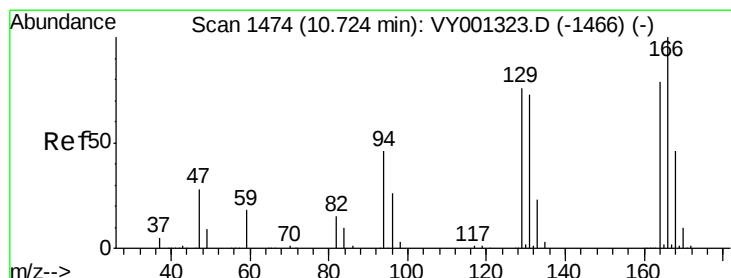
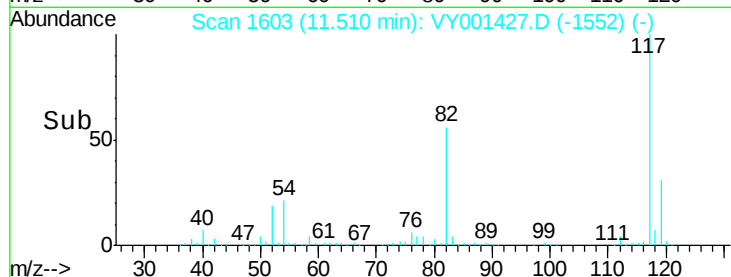
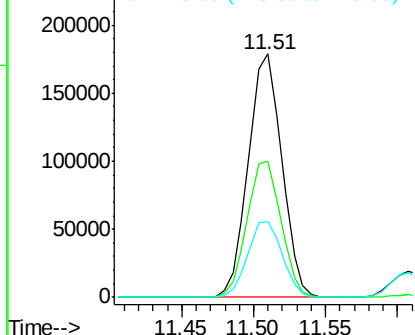
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.51 min Scan# 1603
Delta R.T. 0.01 min
Lab File: VY001427.D
Acq: 30 Jan 2020 14:09

Instrument :
MSVOA_Y
ClientSampleId :
VY0130SBSD01

Tgt Ion:117 Resp: 288405
Ion Ratio Lower Upper
117 100
82 55.9 45.5 68.3
119 31.2 25.8 38.6



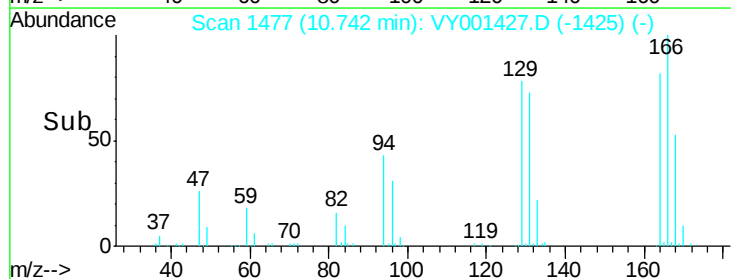
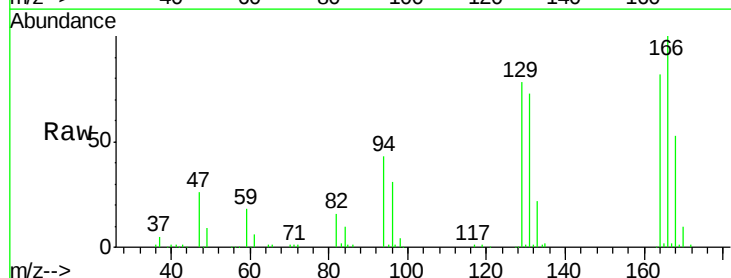
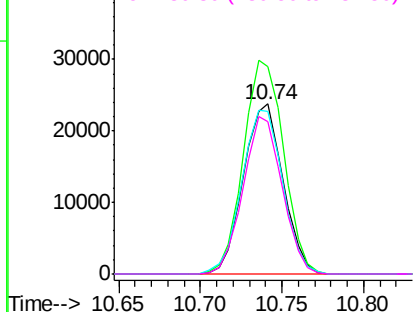
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V



#64
Tetrachloroethene
Concen: 21.87 ug/l
RT: 10.74 min Scan# 1477
Delta R.T. 0.02 min
Lab File: VY001427.D
Acq: 30 Jan 2020 14:09

Tgt Ion:164 Resp: 40286
Ion Ratio Lower Upper
164 100
166 122.3 101.8 152.8
129 95.6 77.1 115.7
131 89.7 74.2 111.2

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

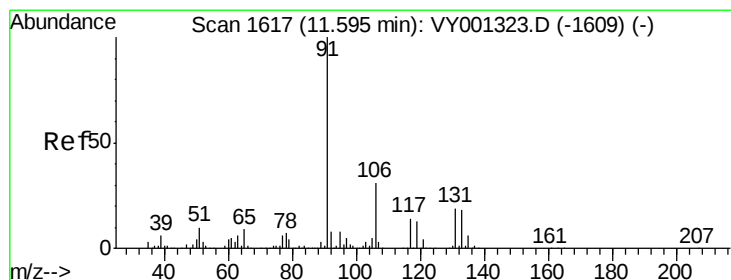
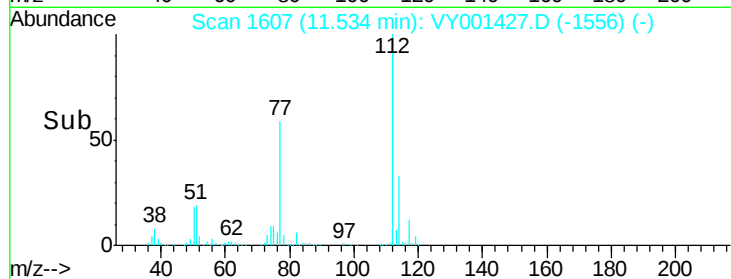
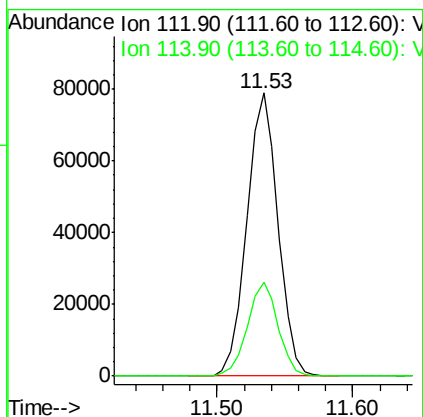
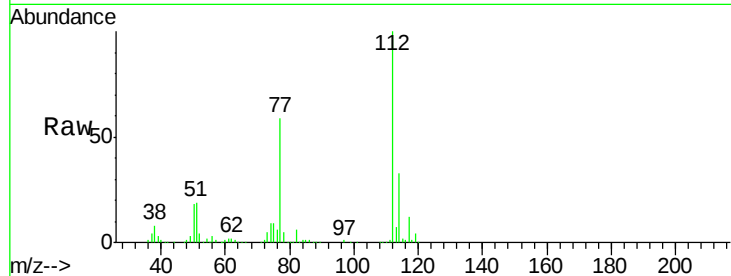




#65
Chlorobenzene
Concen: 20.74 ug/l
RT: 11.53 min Scan# 1607
Delta R.T. 0.01 min
Lab File: VY001427.D
Acq: 30 Jan 2020 14:09

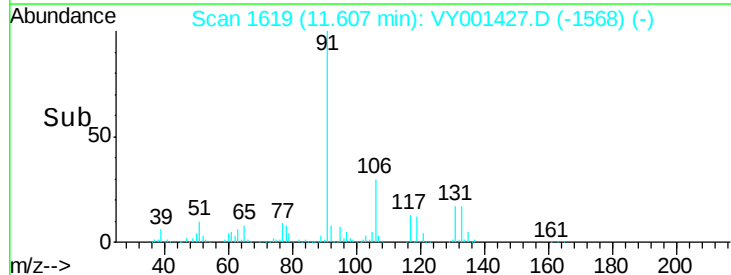
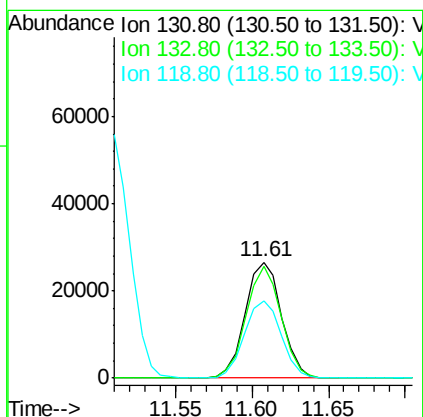
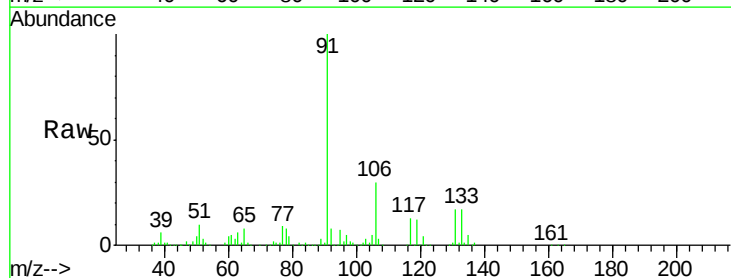
Instrument :
MSVOA_Y
ClientSampleId :
VY0130SBSD01

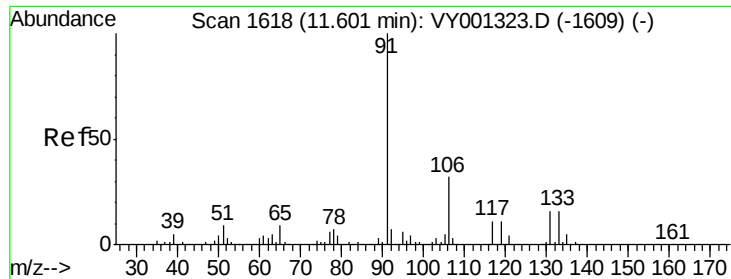
Tgt Ion:112 Resp: 126085
Ion Ratio Lower Upper
112 100
114 33.1 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 21.07 ug/l
RT: 11.61 min Scan# 1619
Delta R.T. 0.01 min
Lab File: VY001427.D
Acq: 30 Jan 2020 14:09

Tgt Ion:131 Resp: 43716
Ion Ratio Lower Upper
131 100
133 93.8 47.1 141.3
119 68.0 34.1 102.2

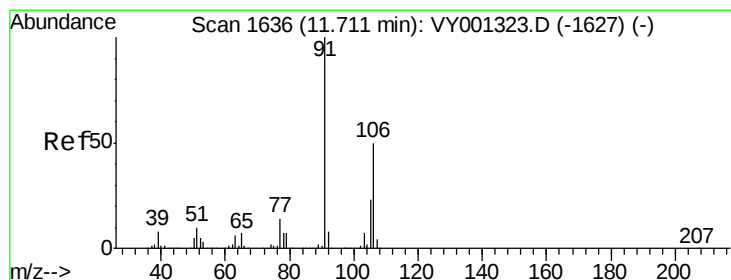
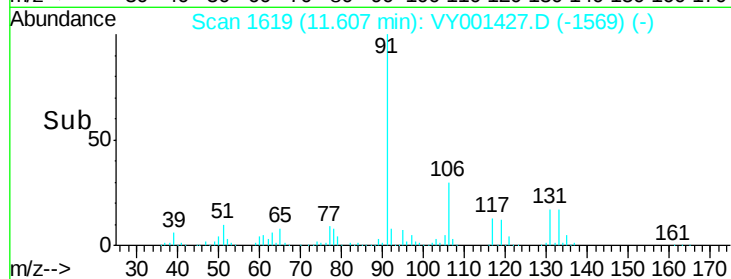
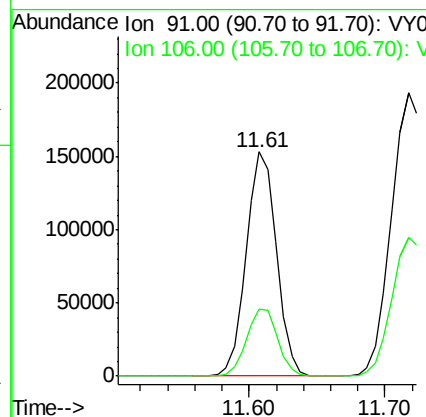
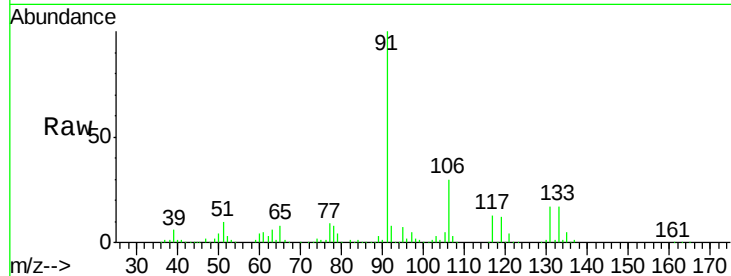




#67
Ethyl Benzene
Concen: 21.27 ug/l
RT: 11.61 min Scan# 1619
Delta R.T. 0.01 min
Lab File: VY001427.D
Acq: 30 Jan 2020 14:09

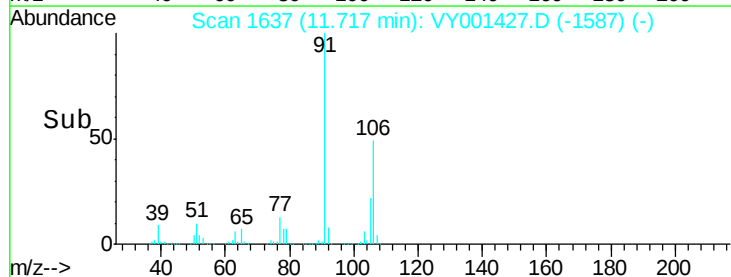
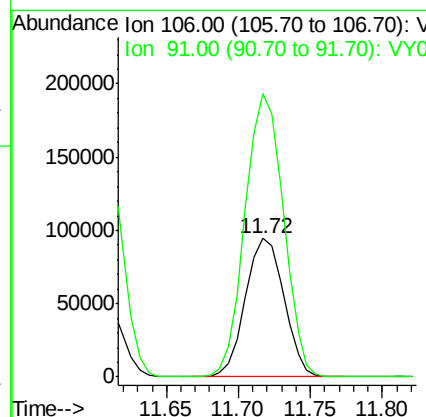
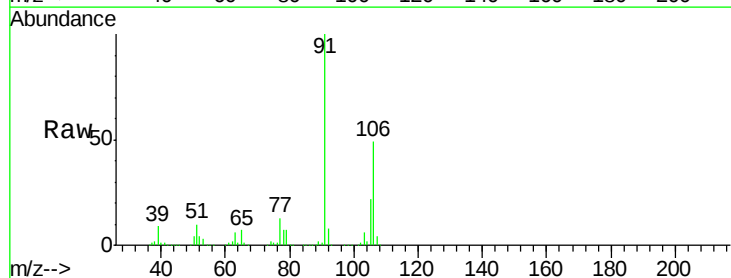
Instrument :
MSVOA_Y
ClientSampleId :
VY0130SBS01

Tgt Ion: 91 Resp: 238289
Ion Ratio Lower Upper
91 100
106 29.8 25.4 38.0



#68
m/p-Xylenes
Concen: 41.91 ug/l
RT: 11.72 min Scan# 1637
Delta R.T. 0.01 min
Lab File: VY001427.D
Acq: 30 Jan 2020 14:09

Tgt Ion: 106 Resp: 175366
Ion Ratio Lower Upper
106 100
91 204.4 162.8 244.2

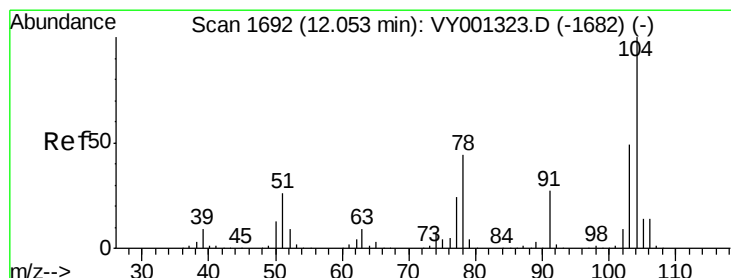
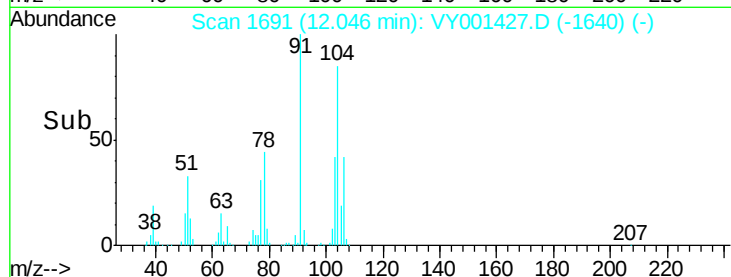
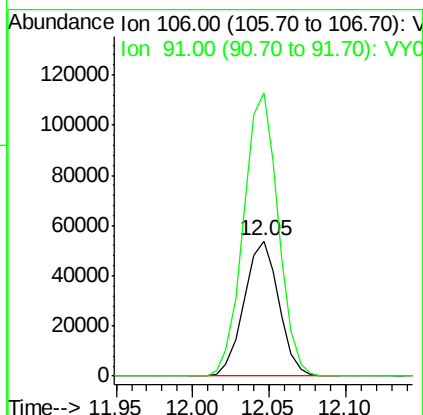
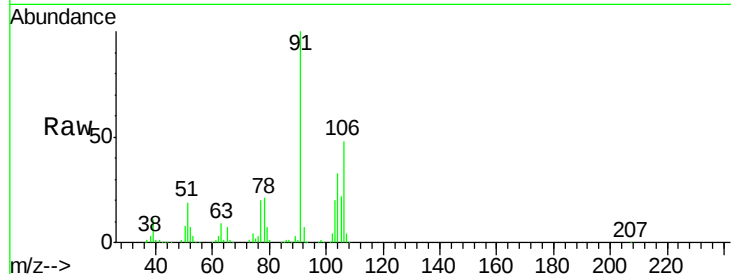




#69
o-Xylene
Concen: 21.07 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. 0.01 min
Lab File: VY001427.D
Acq: 30 Jan 2020 14:09

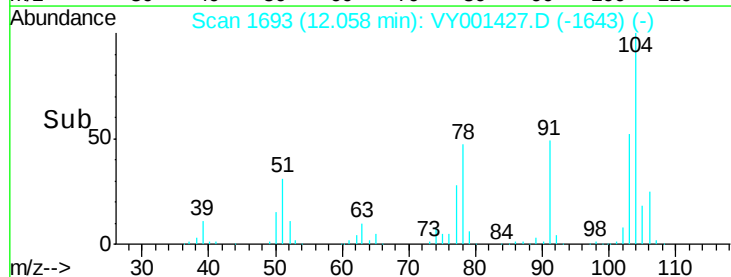
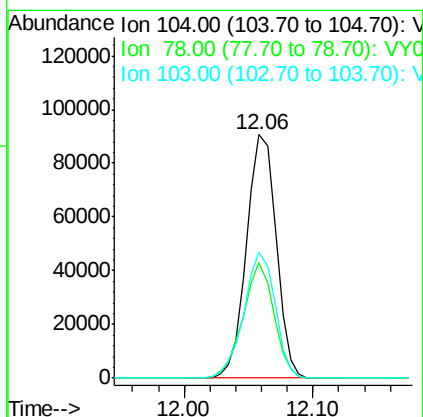
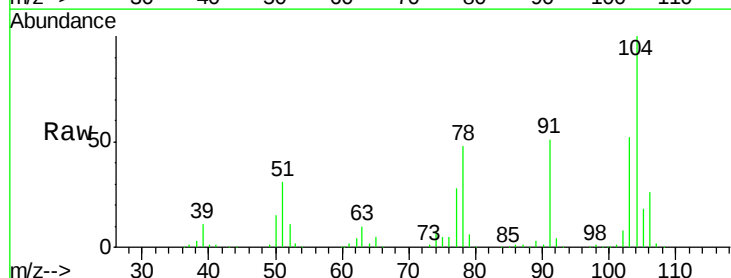
Instrument :
MSVOA_Y
ClientSampleId :
VY0130SBS01

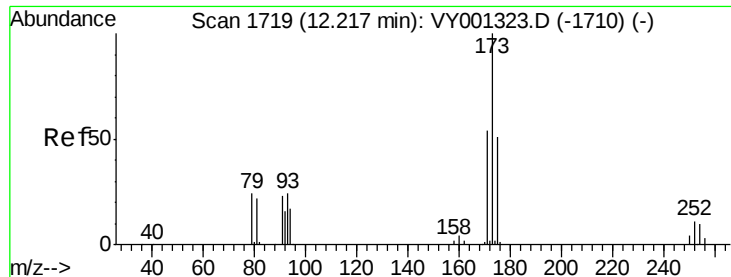
Tgt Ion:106 Resp: 84824
Ion Ratio Lower Upper
106 100
91 209.3 106.3 319.0



#70
Styrene
Concen: 20.40 ug/l
RT: 12.06 min Scan# 1693
Delta R.T. 0.01 min
Lab File: VY001427.D
Acq: 30 Jan 2020 14:09

Tgt Ion:104 Resp: 144100
Ion Ratio Lower Upper
104 100
78 49.4 39.8 59.8
103 54.3 43.2 64.8

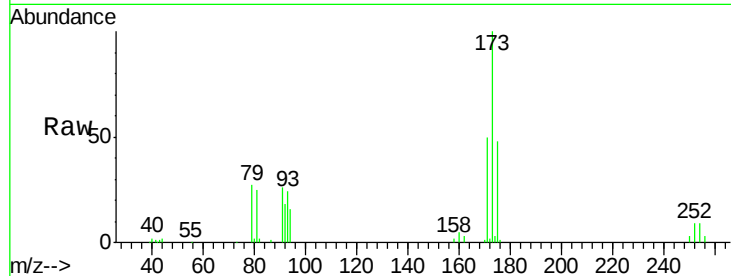




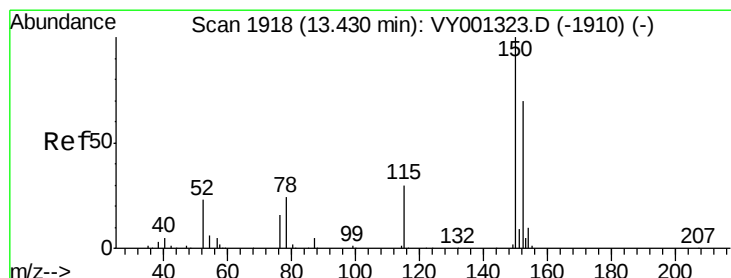
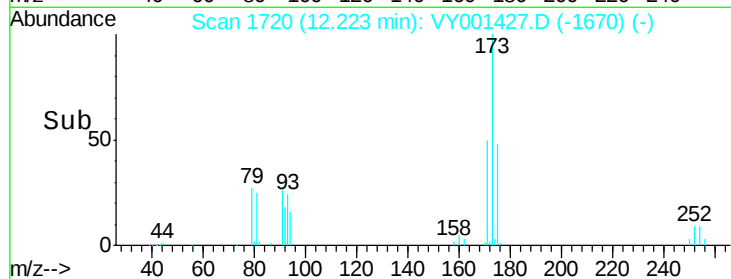
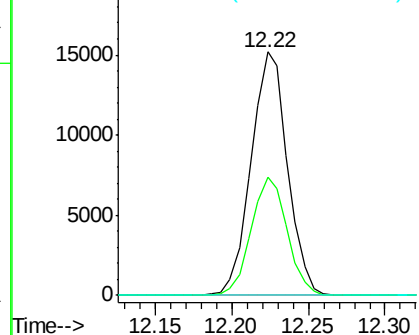
#71
Bromoform
Concen: 20.24 ug/l
RT: 12.22 min Scan# 1720
Delta R.T. 0.01 min
Lab File: VY001427.D
Acq: 30 Jan 2020 14:09

Instrument :
MSVOA_Y
ClientSampleId :
VY0130SBSD01

Tgt Ion:173 Resp: 25063
Ion Ratio Lower Upper
173 100
175 47.7 24.3 72.9
254 0.0 0.0 0.0

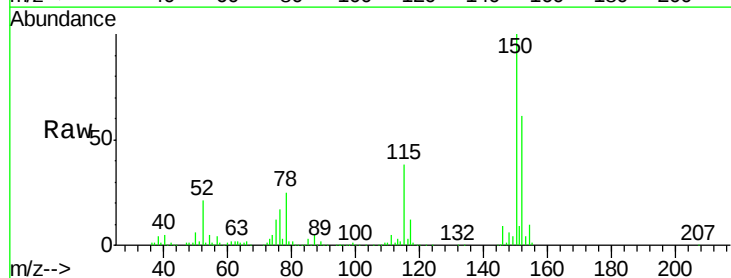


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

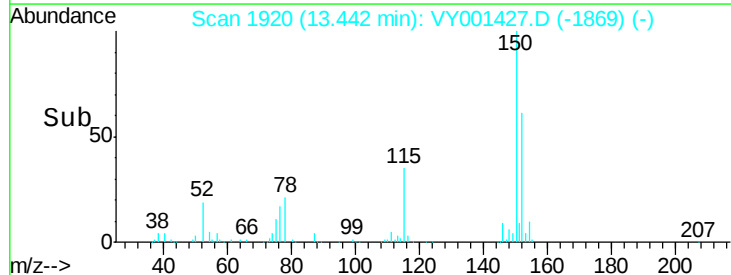
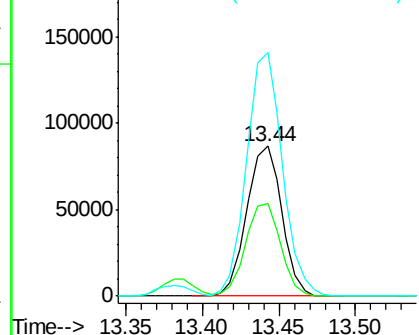


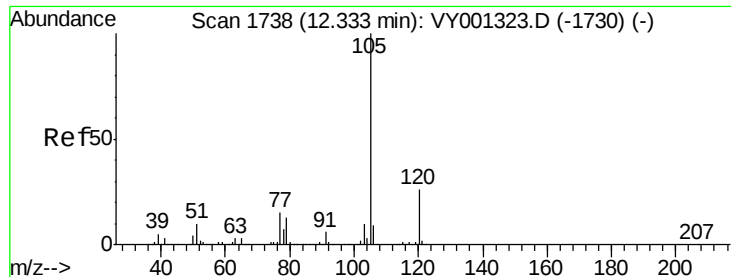
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.44 min Scan# 1920
Delta R.T. 0.01 min
Lab File: VY001427.D
Acq: 30 Jan 2020 14:09

Tgt Ion:152 Resp: 137924
Ion Ratio Lower Upper
152 100
115 61.7 30.9 92.8
150 166.3 0.0 349.2



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





#73

Isopropylbenzene

Concen: 20.72 ug/l

RT: 12.34 min Scan# 1740

Delta R.T. 0.01 min

Lab File: VY001427.D

Acq: 30 Jan 2020 14:09

Instrument :

MSVOA_Y

ClientSampleId :

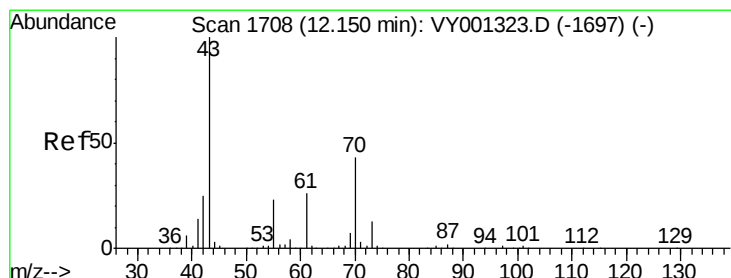
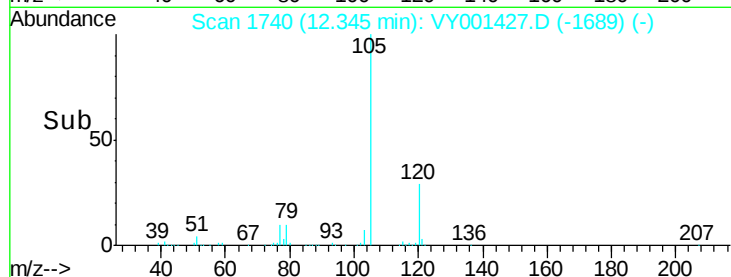
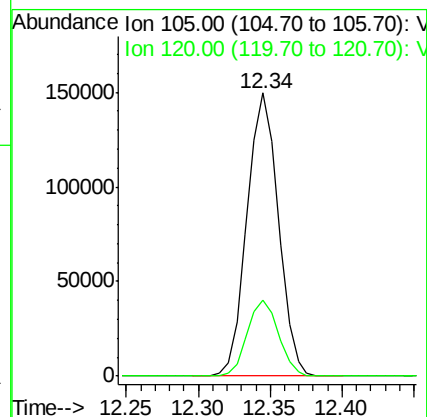
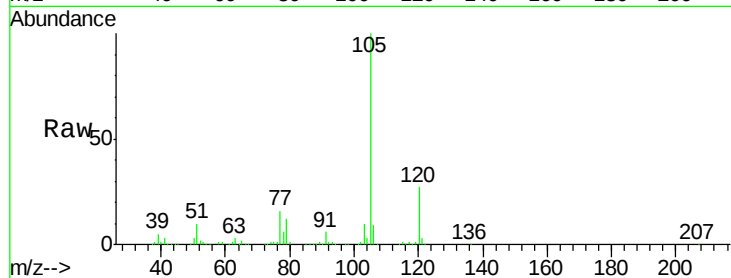
VY0130SBS01

Tgt Ion: 105 Resp: 225472

Ion Ratio Lower Upper

105 100

120 26.8 13.5 40.4



#74

N-ethyl acetate

Concen: 20.58 ug/l

RT: 12.16 min Scan# 1709

Delta R.T. 0.01 min

Lab File: VY001427.D

Acq: 30 Jan 2020 14:09

Tgt Ion: 43 Resp: 73305

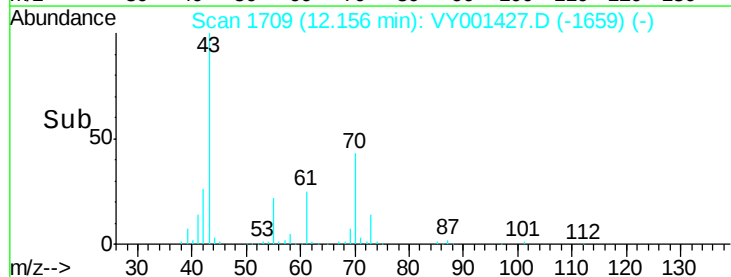
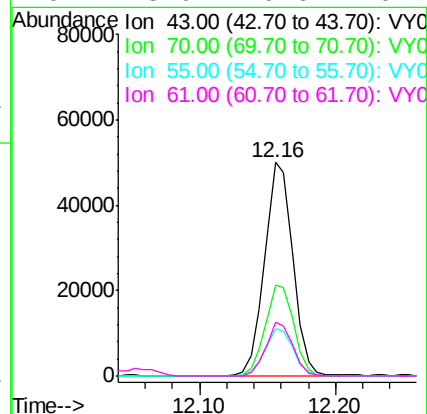
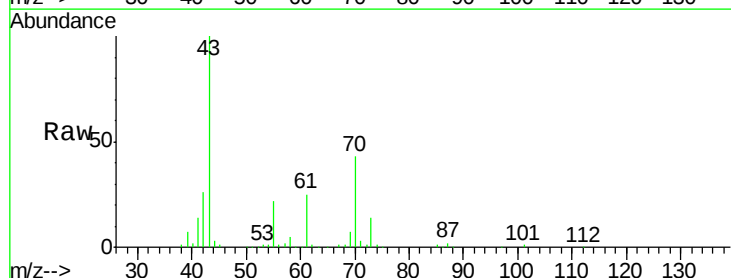
Ion Ratio Lower Upper

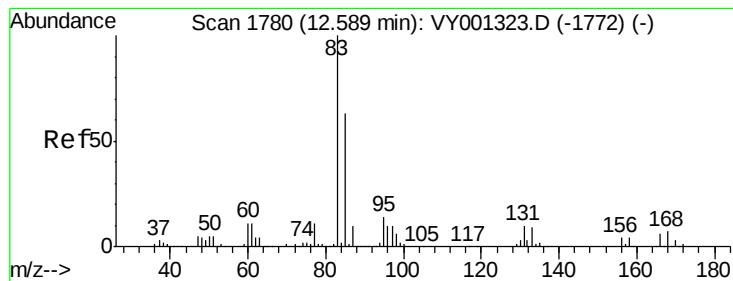
43 100

70 43.0 33.5 50.3

55 22.5 18.2 27.2

61 23.9 19.6 29.4





#75

1,1,2,2-Tetrachloroethane

Concen: 21.00 ug/l

RT: 12.59 min Scan# 1781

Delta R.T. 0.01 min

Lab File: VY001427.D

Acq: 30 Jan 2020 14:09

Instrument :

MSVOA_Y

ClientSampleId :

VY0130SBS01

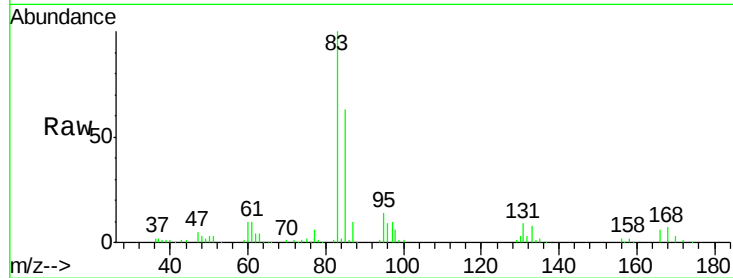
Tgt Ion: 83 Resp: 48937

Ion Ratio Lower Upper

83 100

131 9.9 4.9 14.6

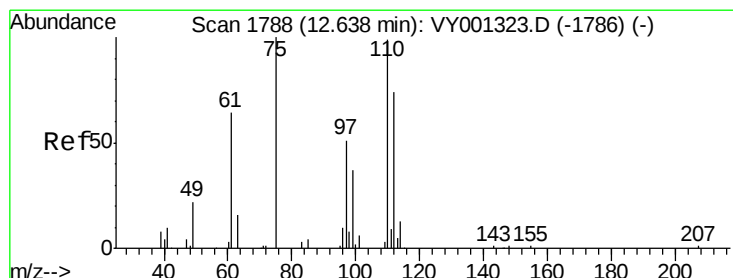
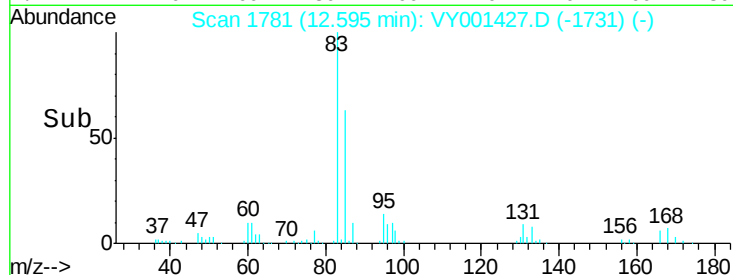
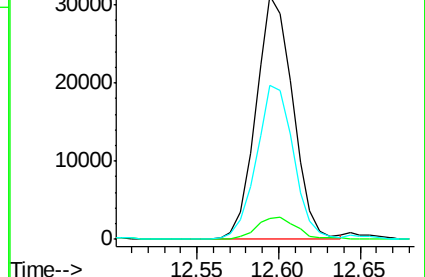
85 63.9 31.4 94.3



Abundance Ion 82.90 (82.60 to 83.60): VY0

Ion 130.80 (130.50 to 131.50): VY0

Ion 84.90 (84.60 to 85.60): VY0



#76

1,2,3-Trichloropropane

Concen: 38.42 ug/l

RT: 12.65 min Scan# 1790

Delta R.T. 0.01 min

Lab File: VY001427.D

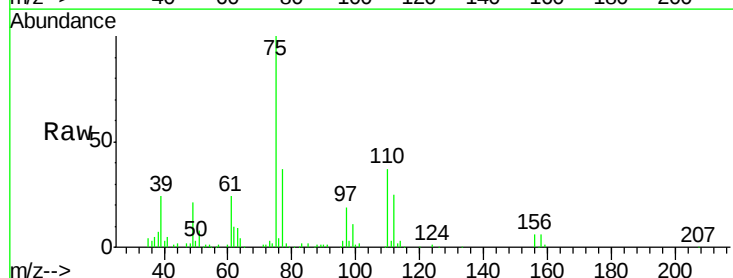
Acq: 30 Jan 2020 14:09

Tgt Ion: 75 Resp: 63857

Ion Ratio Lower Upper

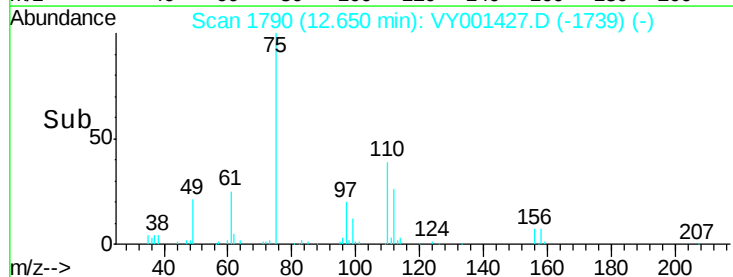
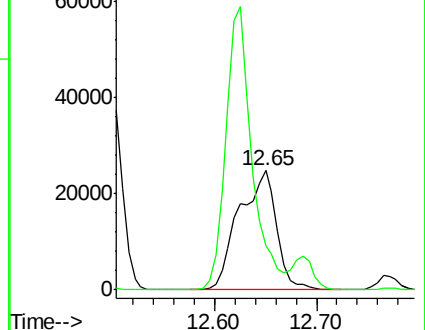
75 100

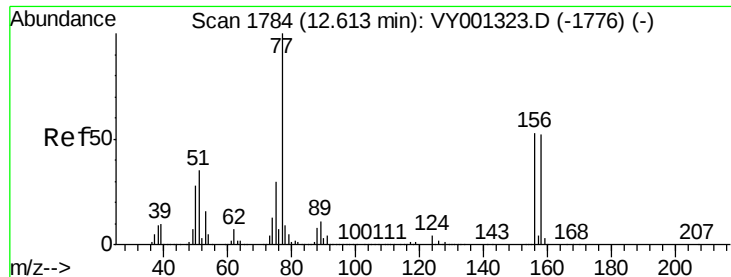
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 77.00 (76.70 to 77.70): VY0





#77

Bromobenzene

Concen: 20.25 ug/l

RT: 12.63 min Scan# 1786

Delta R.T. 0.01 min

Lab File: VY001427.D

Acq: 30 Jan 2020 14:09

Instrument :

MSVOA_Y

ClientSampleId :

VY0130SBS01

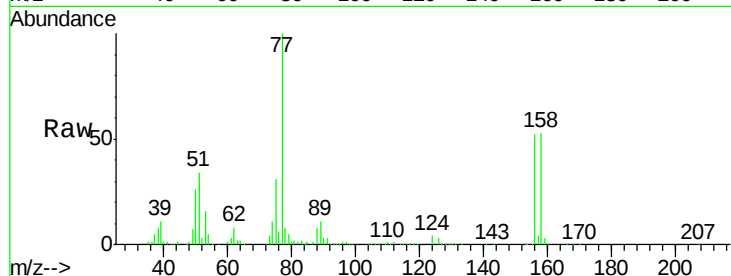
Tgt Ion:156 Resp: 48804

Ion Ratio Lower Upper

156 100

77 214.3 104.7 313.9

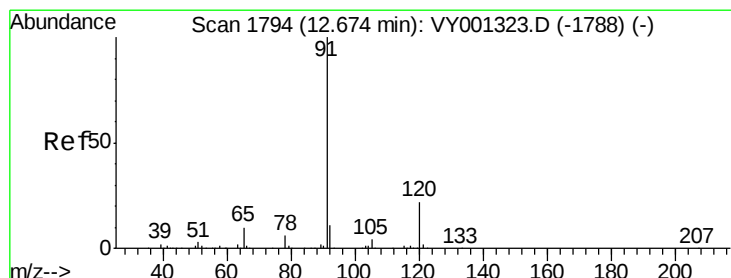
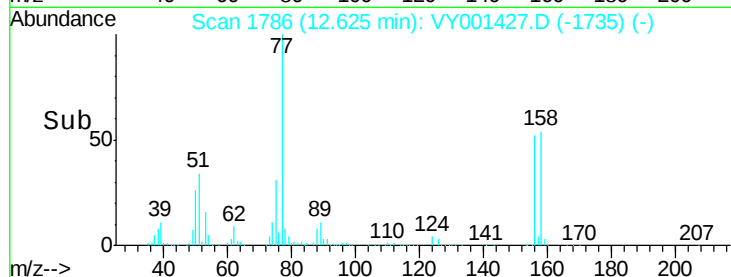
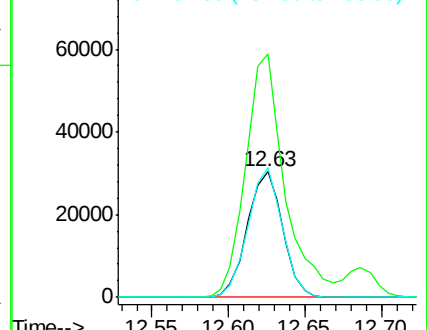
158 99.9 48.6 145.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.92 ug/l

RT: 12.69 min Scan# 1796

Delta R.T. 0.01 min

Lab File: VY001427.D

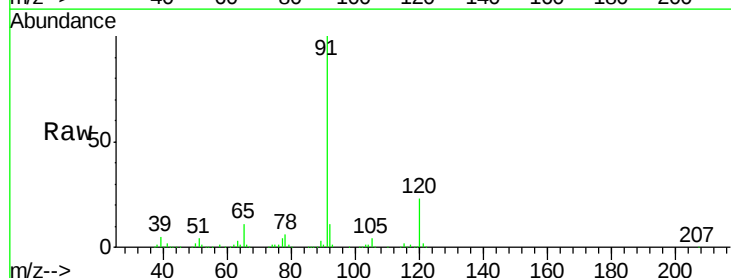
Acq: 30 Jan 2020 14:09

Tgt Ion: 91 Resp: 274096

Ion Ratio Lower Upper

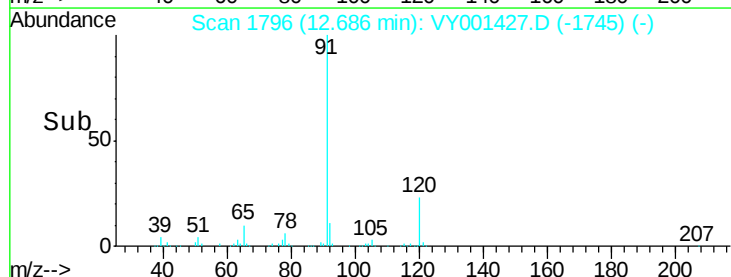
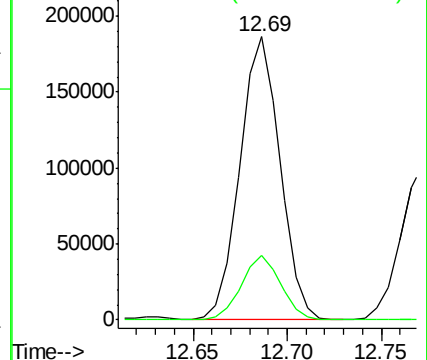
91 100

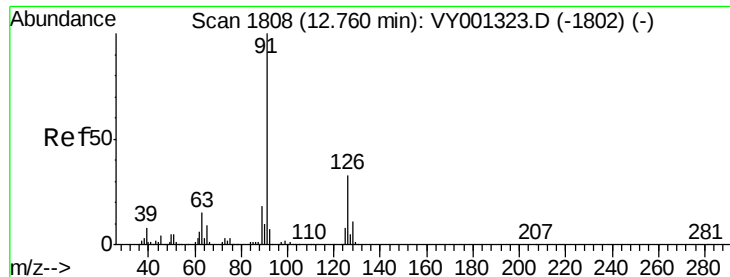
120 22.4 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.75 ug/l

RT: 12.77 min Scan# 1810

Delta R.T. 0.01 min

Lab File: VY001427.D

Acq: 30 Jan 2020 14:09

Instrument :

MSVOA_Y

ClientSampleId :

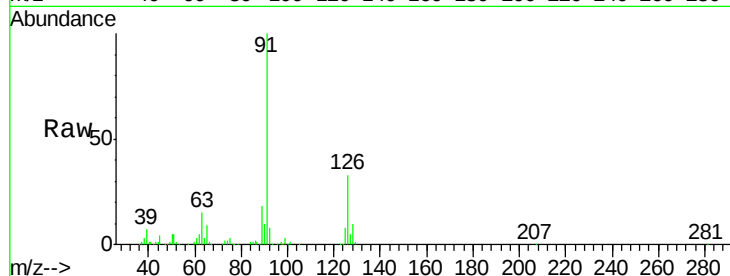
VY0130SBS01

Tgt Ion: 91 Resp: 155293

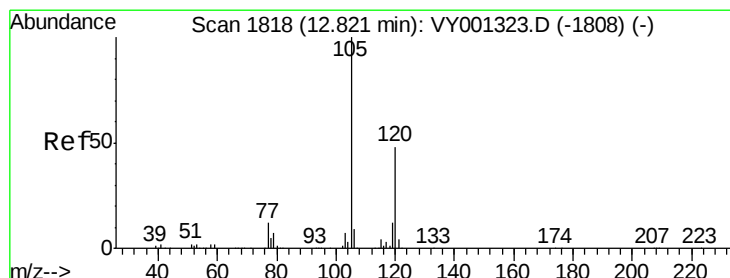
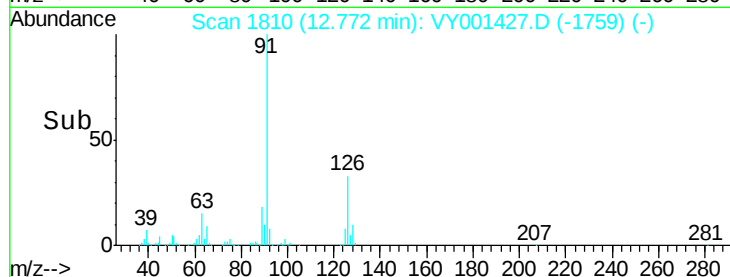
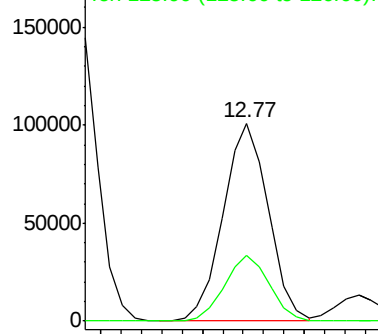
Ion Ratio Lower Upper

91 100

126 32.8 16.6 49.7



Abundance Ion 91.00 (90.70 to 91.70): VY001323.D (-1802) (-)



#80

1,3,5-Trimethylbenzene

Concen: 20.91 ug/l

RT: 12.83 min Scan# 1819

Delta R.T. 0.01 min

Lab File: VY001427.D

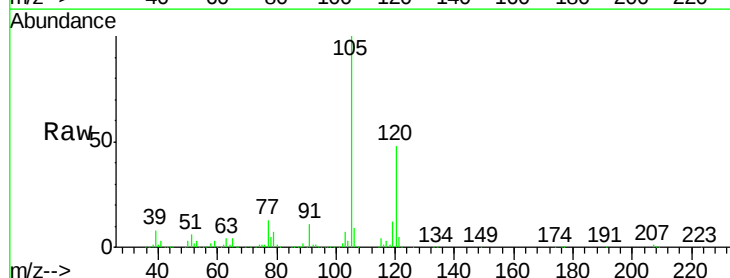
Acq: 30 Jan 2020 14:09

Tgt Ion: 105 Resp: 189926

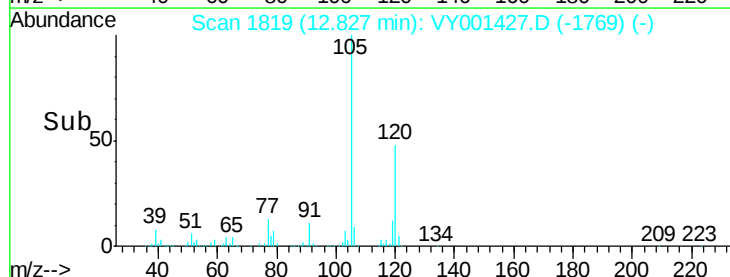
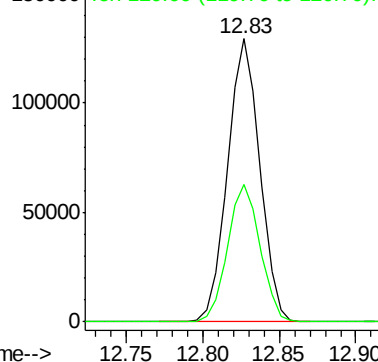
Ion Ratio Lower Upper

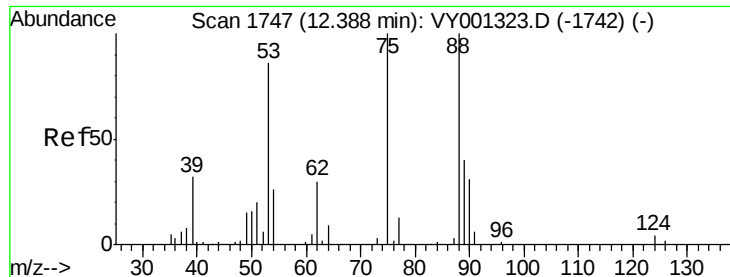
105 100

120 49.2 24.3 72.9



Abundance Ion 105.00 (104.70 to 105.70): VY001323.D (-1808) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 20.70 ug/l

RT: 12.39 min Scan# 1748

Delta R.T. 0.01 min

Lab File: VY001427.D

Acq: 30 Jan 2020 14:09

Instrument :

MSVOA_Y

ClientSampleId :

VY0130SBS01

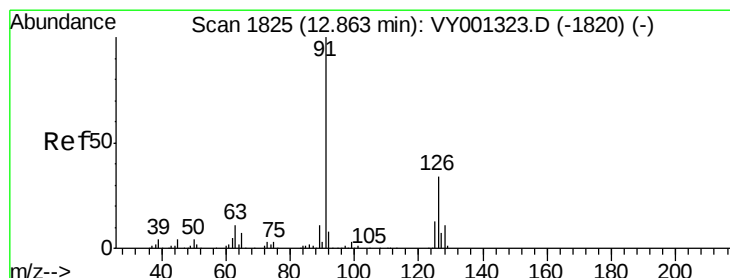
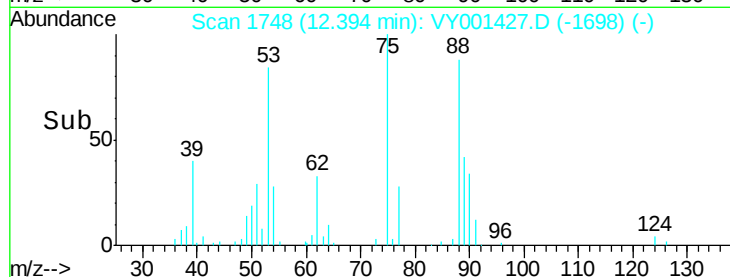
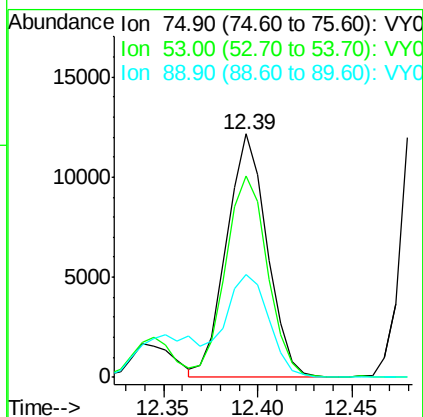
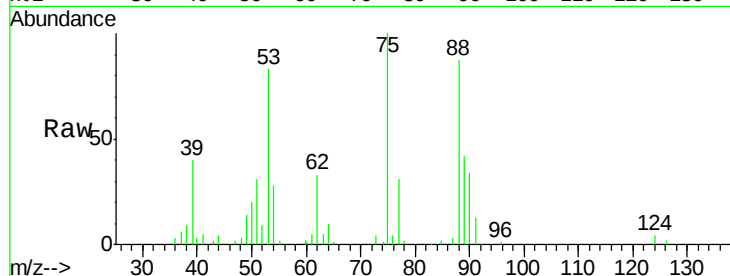
Tgt Ion: 75 Resp: 18182

Ion Ratio Lower Upper

75 100

53 85.7 69.9 104.9

89 46.3 36.6 54.8



#82

4-Chlorotoluene

Concen: 20.65 ug/l

RT: 12.87 min Scan# 1826

Delta R.T. 0.01 min

Lab File: VY001427.D

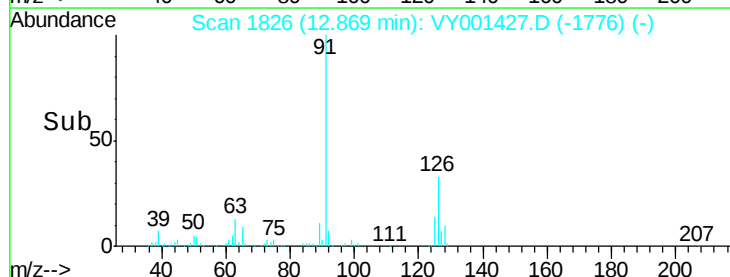
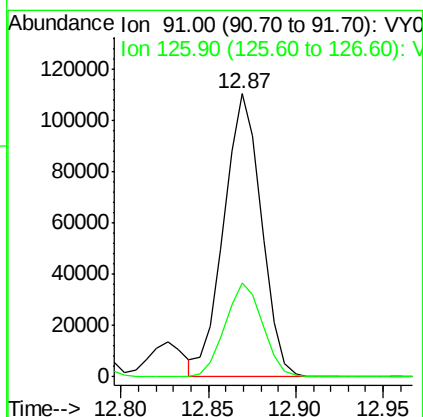
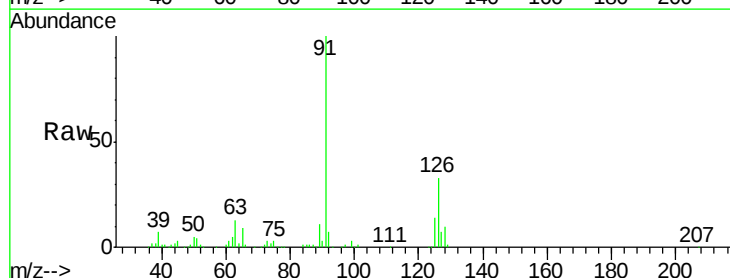
Acq: 30 Jan 2020 14:09

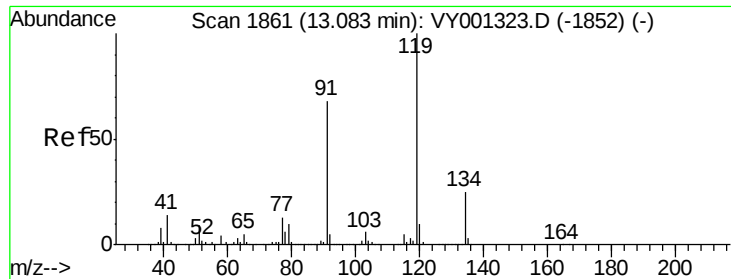
Tgt Ion: 91 Resp: 165069

Ion Ratio Lower Upper

91 100

126 33.2 16.4 49.4

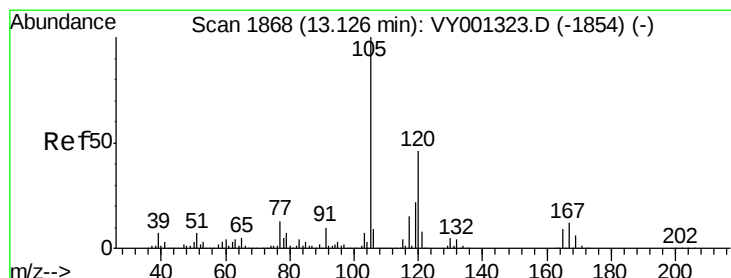
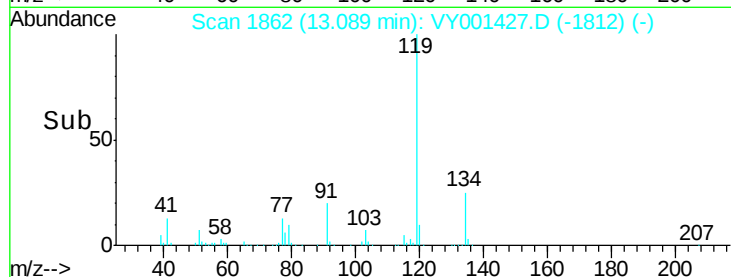
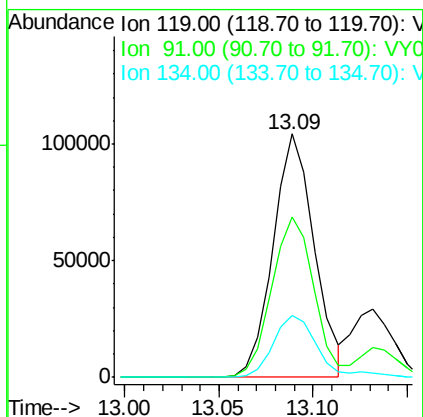
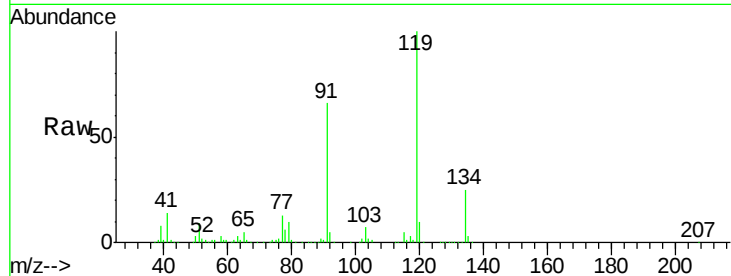




#83
 tert-Butylbenzene
 Concen: 20.66 ug/l
 RT: 13.09 min Scan# 1862
 Delta R.T. 0.01 min
 Lab File: VY001427.D
 Acq: 30 Jan 2020 14:09

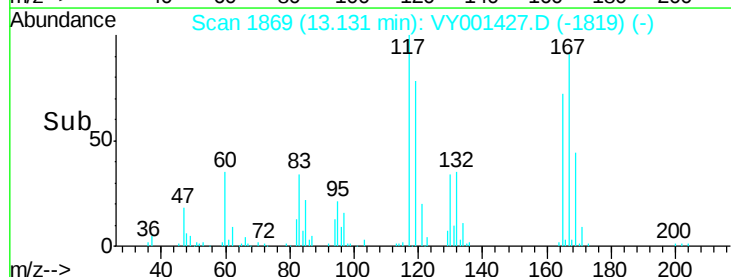
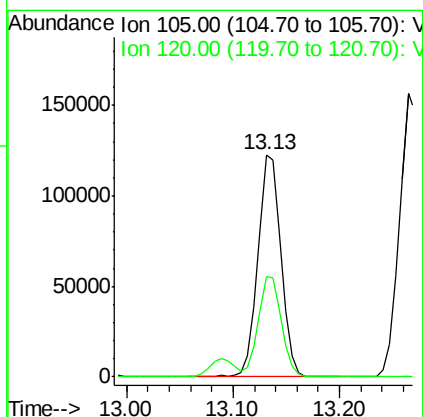
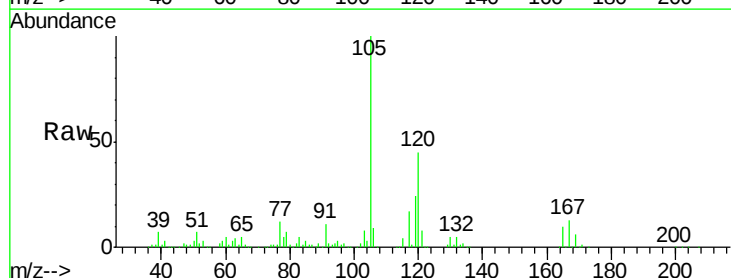
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0130SBS01

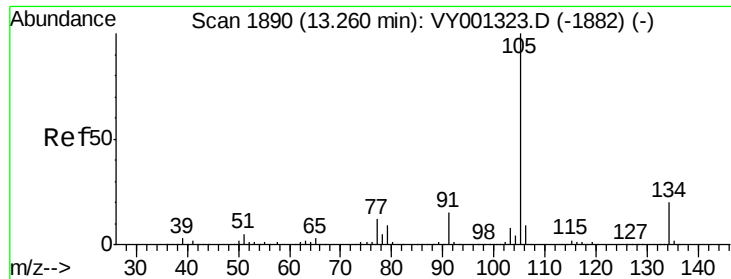
Tgt Ion:119 Resp: 158173
 Ion Ratio Lower Upper
 119 100
 91 68.0 33.0 99.0
 134 27.3 13.3 39.9



#84
 1,2,4-Trimethylbenzene
 Concen: 20.53 ug/l
 RT: 13.13 min Scan# 1869
 Delta R.T. 0.01 min
 Lab File: VY001427.D
 Acq: 30 Jan 2020 14:09

Tgt Ion:105 Resp: 187224
 Ion Ratio Lower Upper
 105 100
 120 45.0 22.4 67.3

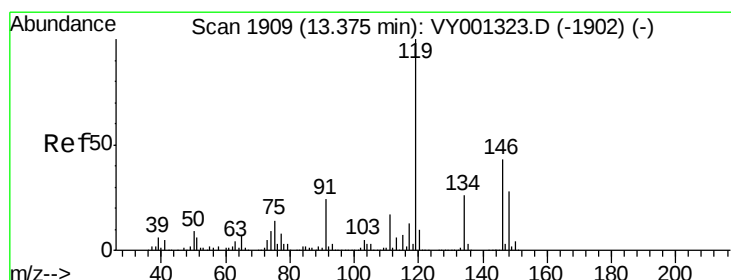
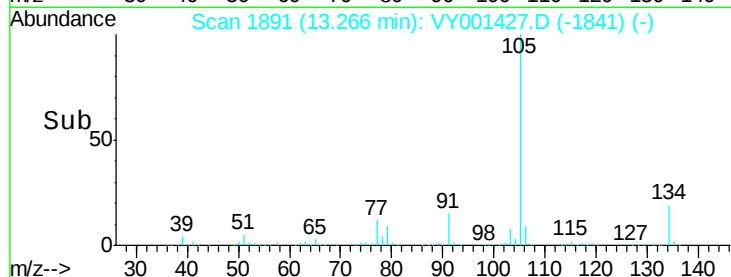
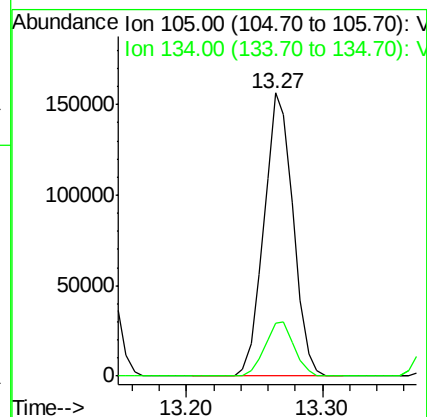
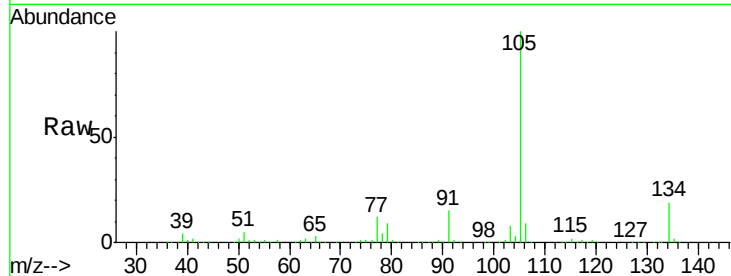




#85
 sec-Butylbenzene
 Concen: 21.65 ug/l
 RT: 13.27 min Scan# 1891
 Delta R.T. 0.01 min
 Lab File: VY001427.D
 Acq: 30 Jan 2020 14:09

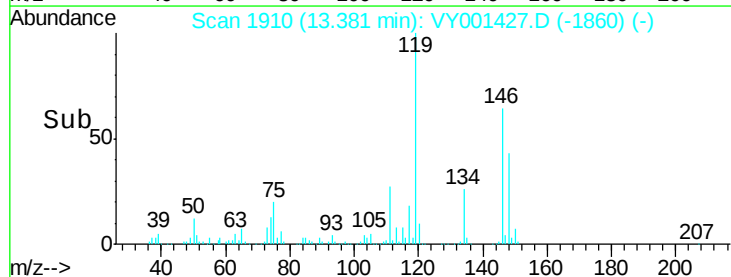
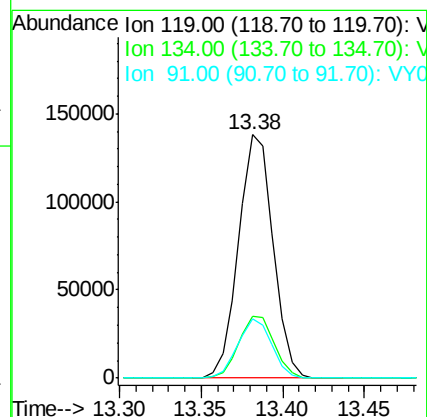
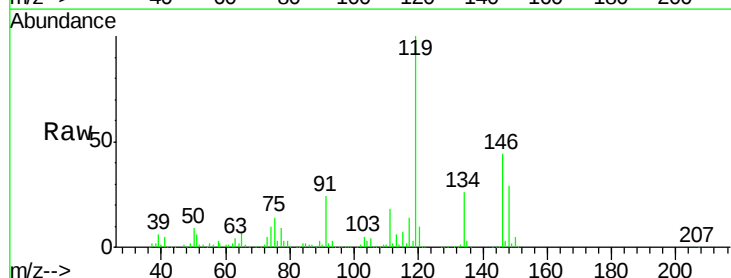
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0130SBSD01

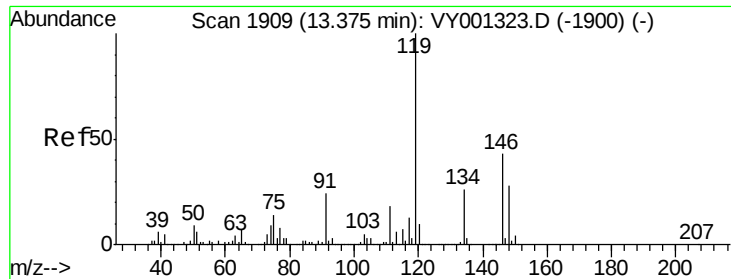
Tgt Ion:105 Resp: 235554
 Ion Ratio Lower Upper
 105 100
 134 19.4 9.8 29.4



#86
 p-Isopropyltoluene
 Concen: 21.30 ug/l
 RT: 13.38 min Scan# 1910
 Delta R.T. 0.01 min
 Lab File: VY001427.D
 Acq: 30 Jan 2020 14:09

Tgt Ion:119 Resp: 204188
 Ion Ratio Lower Upper
 119 100
 134 26.2 13.5 40.4
 91 24.1 12.2 36.6

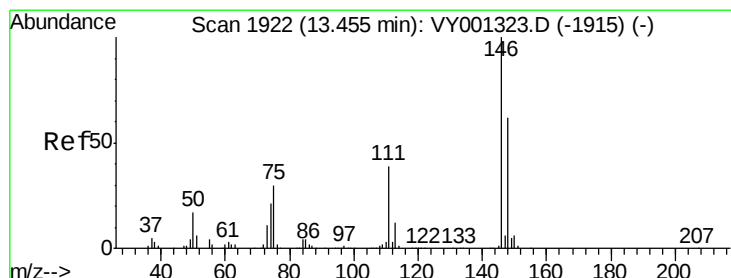
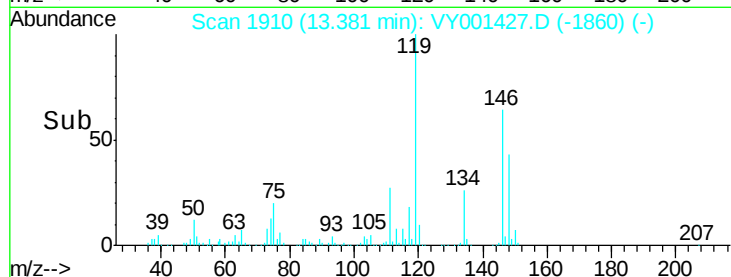
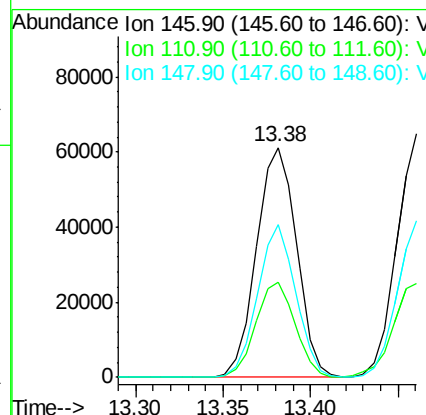
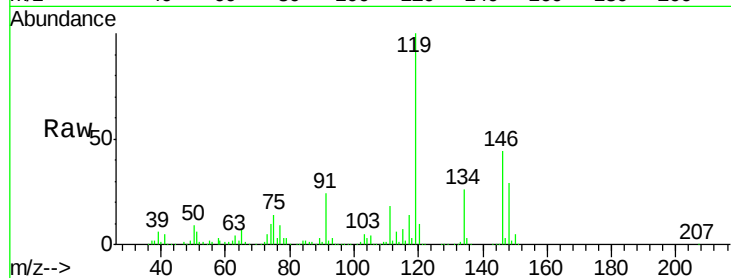




#87
 1,3-Dichlorobenzene
 Concen: 20.97 ug/l
 RT: 13.38 min Scan# 1910
 Delta R.T. 0.01 min
 Lab File: VY001427.D
 Acq: 30 Jan 2020 14:09

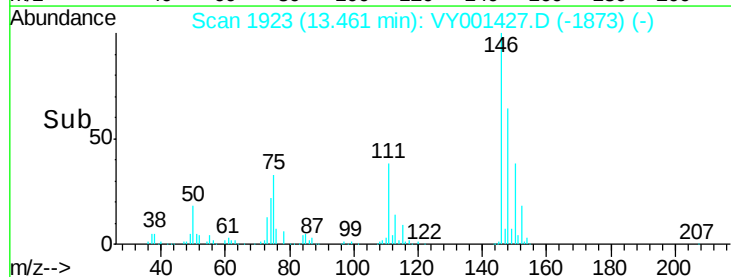
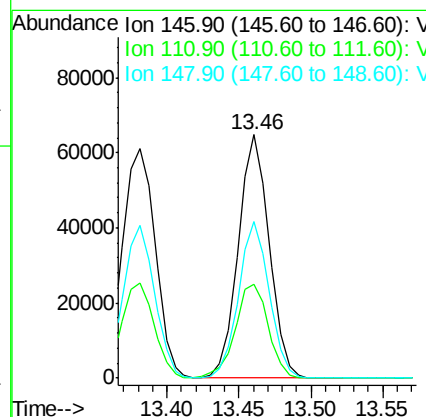
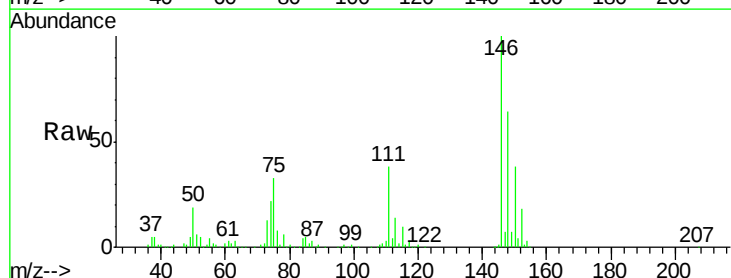
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0130SBS01

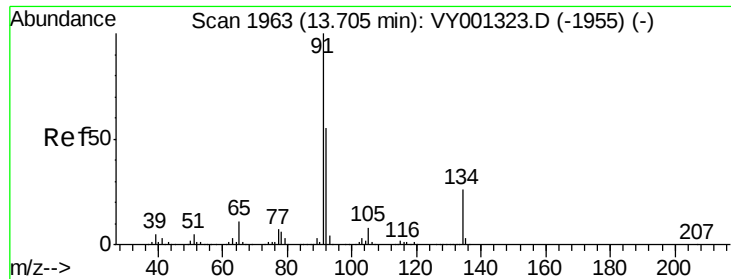
Tgt Ion:146 Resp: 97347
 Ion Ratio Lower Upper
 146 100
 111 40.7 20.6 61.8
 148 63.2 31.6 95.0



#88
 1,4-Dichlorobenzene
 Concen: 20.58 ug/l
 RT: 13.46 min Scan# 1923
 Delta R.T. 0.01 min
 Lab File: VY001427.D
 Acq: 30 Jan 2020 14:09

Tgt Ion:146 Resp: 97021
 Ion Ratio Lower Upper
 146 100
 111 41.2 20.5 61.5
 148 63.9 31.6 95.0

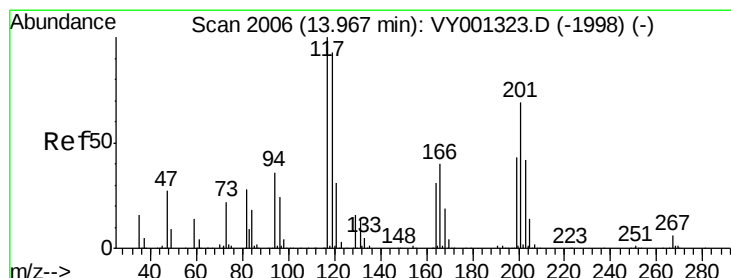
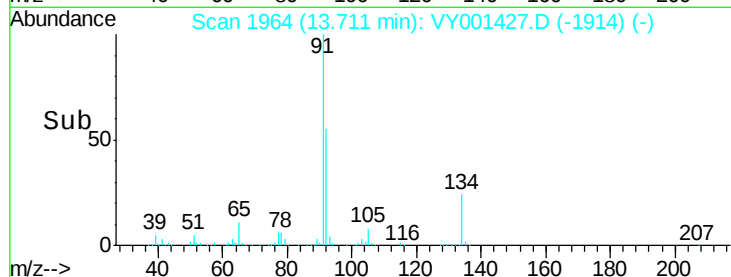
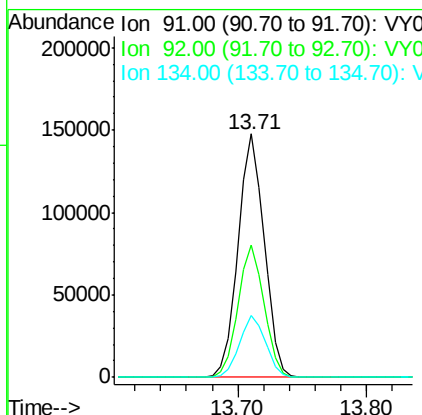
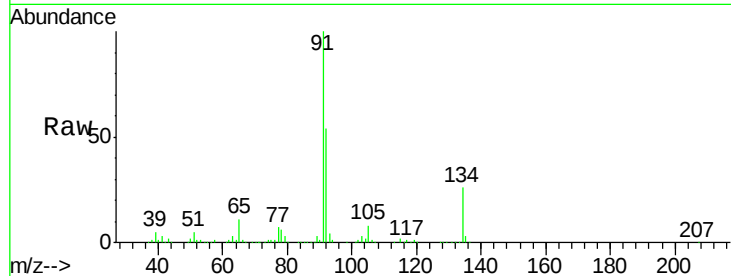




#89
n-Butylbenzene
Concen: 21.51 ug/l
RT: 13.71 min Scan# 1964
Delta R.T. 0.01 min
Lab File: VY001427.D
Acq: 30 Jan 2020 14:09

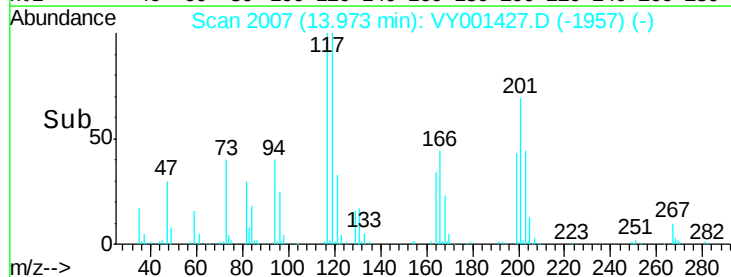
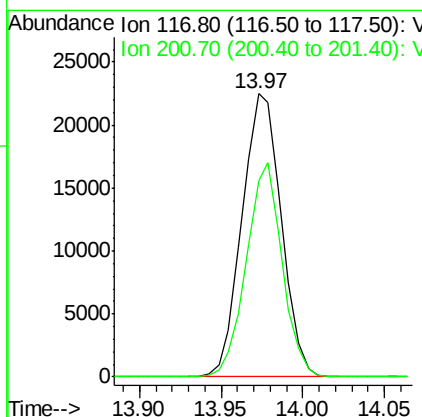
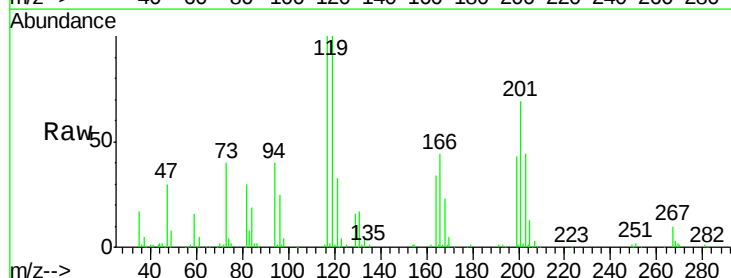
Instrument :
MSVOA_Y
ClientSampleId :
VY0130SBSD01

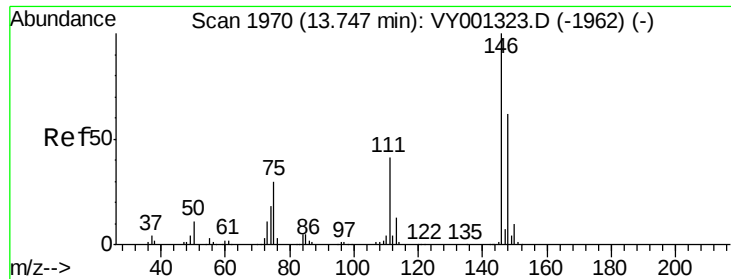
Tgt Ion: 91 Resp: 207558
Ion Ratio Lower Upper
91 100
92 54.2 27.6 82.8
134 25.3 12.9 38.6



#90
Hexachloroethane
Concen: 20.68 ug/l
RT: 13.97 min Scan# 2007
Delta R.T. 0.01 min
Lab File: VY001427.D
Acq: 30 Jan 2020 14:09

Tgt Ion: 117 Resp: 37588
Ion Ratio Lower Upper
117 100
201 68.8 34.6 103.8

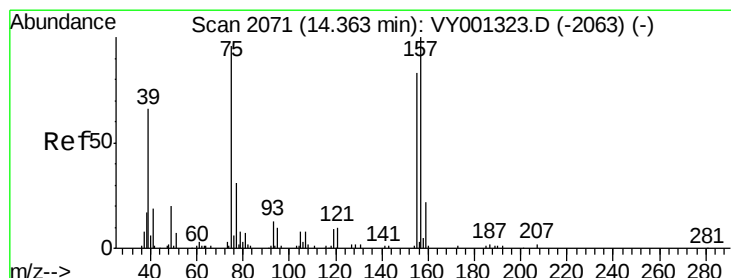
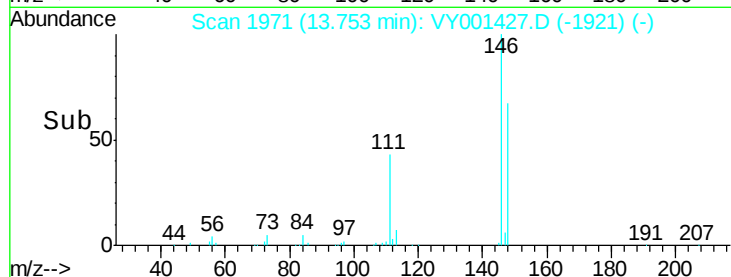
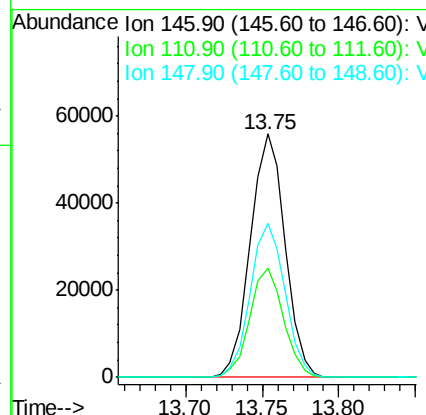
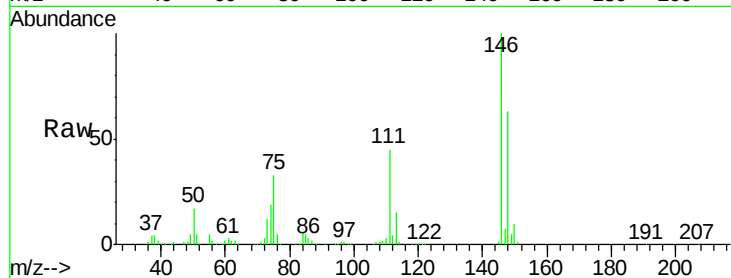




#91
 1,2-Dichlorobenzene
 Concen: 20.55 ug/l
 RT: 13.75 min Scan# 1971
 Delta R.T. 0.01 min
 Lab File: VY001427.D
 Acq: 30 Jan 2020 14:09

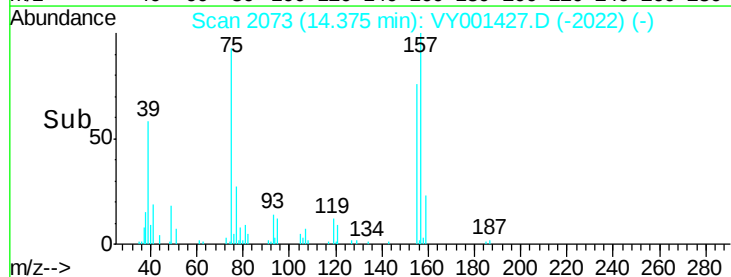
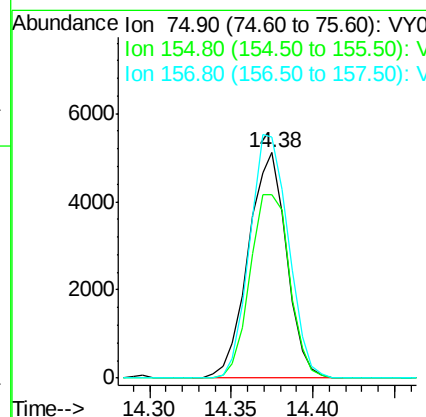
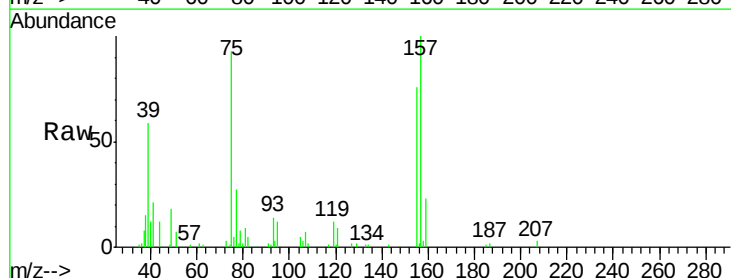
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0130SBS01

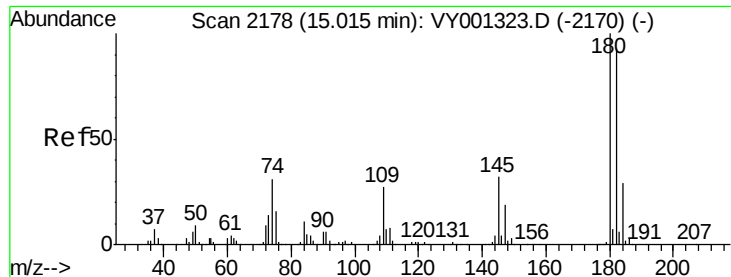
Tgt Ion: 146 Resp: 87995
 Ion Ratio Lower Upper
 146 100
 111 43.8 21.1 63.4
 148 63.4 31.5 94.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.82 ug/l
 RT: 14.38 min Scan# 2073
 Delta R.T. 0.01 min
 Lab File: VY001427.D
 Acq: 30 Jan 2020 14:09

Tgt Ion: 75 Resp: 8375
 Ion Ratio Lower Upper
 75 100
 155 84.0 43.0 129.2
 157 108.5 53.3 160.0

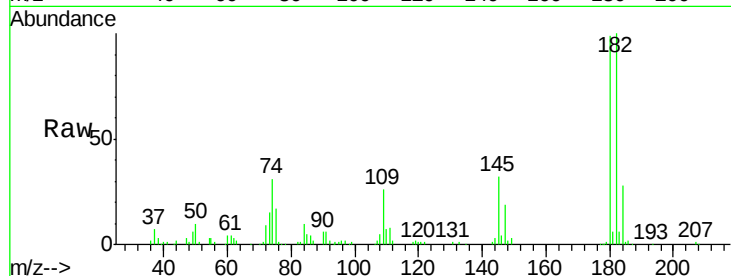




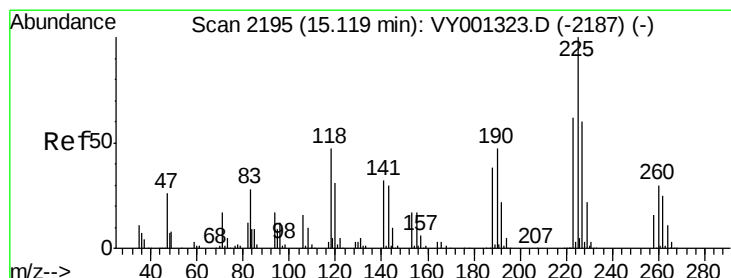
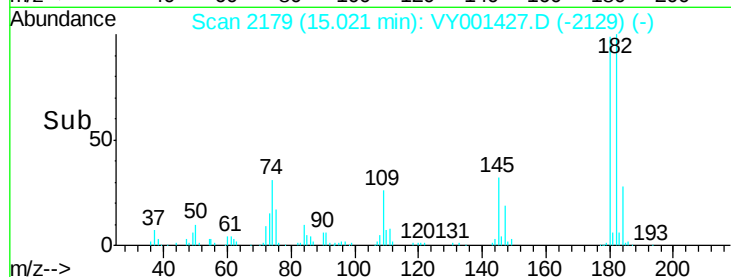
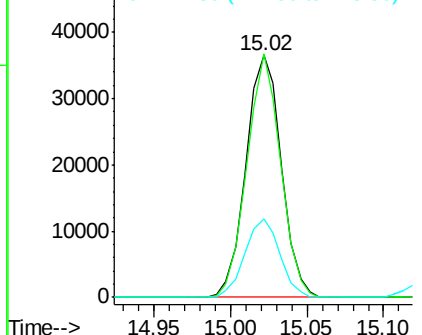
#93
 1,2,4-Trichlorobenzene
 Concen: 20.41 ug/l
 RT: 15.02 min Scan# 2179
 Delta R.T. 0.01 min
 Lab File: VY001427.D
 Acq: 30 Jan 2020 14:09

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0130SBS01

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.7	47.6	142.8
145	32.2	16.3	48.9

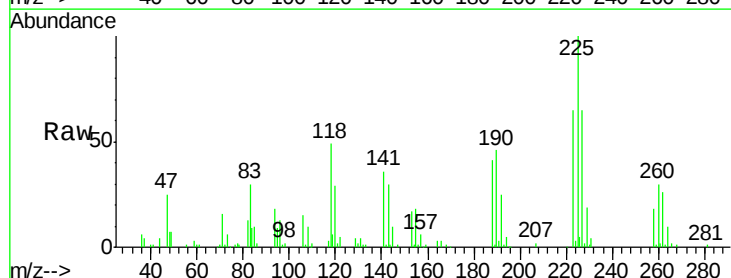


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

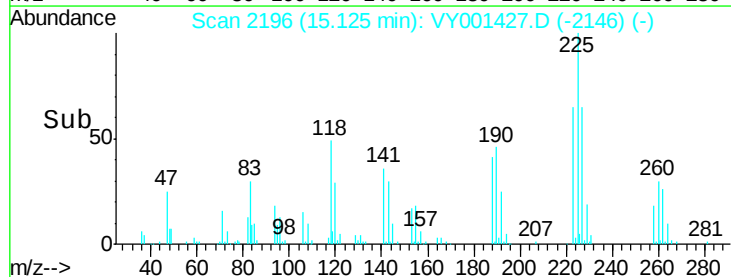
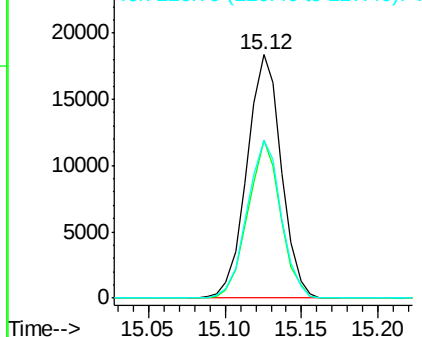


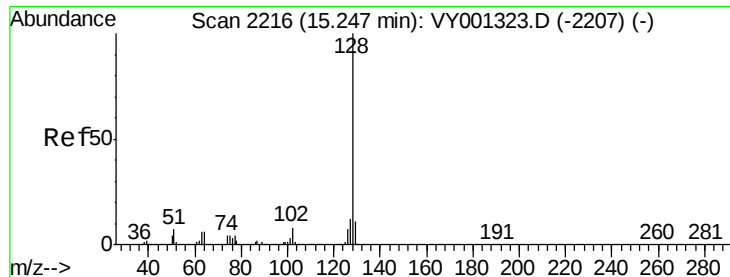
#94
 Hexachlorobutadiene
 Concen: 20.47 ug/l
 RT: 15.12 min Scan# 2196
 Delta R.T. 0.01 min
 Lab File: VY001427.D
 Acq: 30 Jan 2020 14:09

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.6	31.2	93.6
227	64.2	31.0	93.0



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





#95

Naphthalene

Concen: 21.25 ug/l

RT: 15.25 min Scan# 2216

Delta R.T. -0.00 min

Lab File: VY001427.D

Acq: 30 Jan 2020 14:09

Instrument :

MSVOA_Y

ClientSampleId :

VY0130SBS01

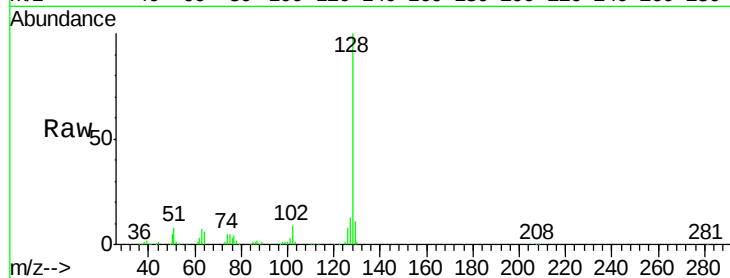
Tgt Ion:128 Resp: 139621

Ion Ratio Lower Upper

128 100

127 12.9 10.2 15.2

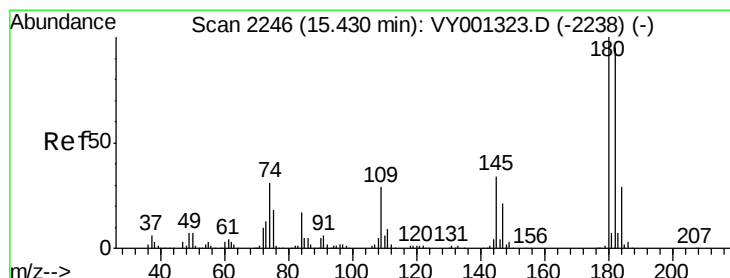
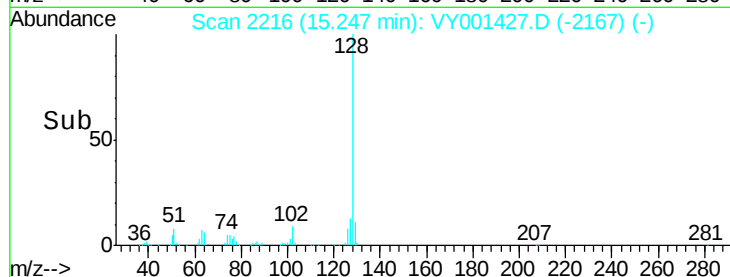
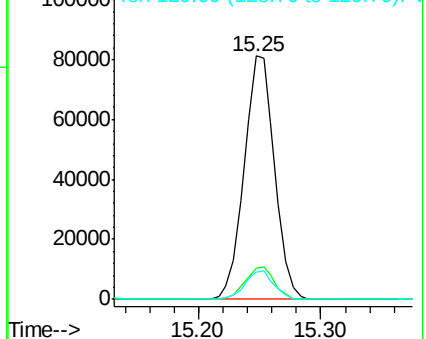
129 11.0 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 20.31 ug/l

RT: 15.44 min Scan# 2247

Delta R.T. 0.01 min

Lab File: VY001427.D

Acq: 30 Jan 2020 14:09

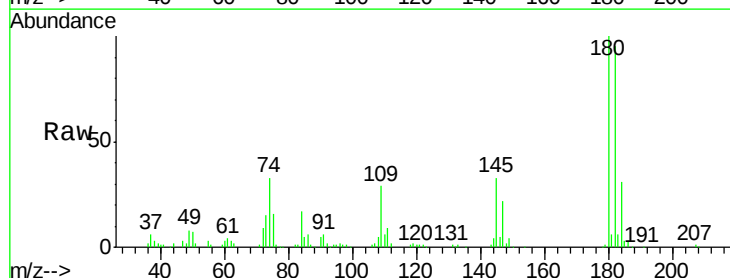
Tgt Ion:180 Resp: 51201

Ion Ratio Lower Upper

180 100

182 96.7 47.3 141.8

145 34.2 16.8 50.3



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

