

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY070620\
 Data File : VY003105.D
 Acq On : 06 Jul 2020 11:45
 Operator : SY/MD
 Sample : VY0706SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0706SBS01

Quant Time: Jul 07 07:02:05 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y062920S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 30 04:11:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	431696	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	632631	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	573531	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	306046	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.14	65	209749	48.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.84%	
35) Dibromofluoromethane	7.72	113	203557	51.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.16%	
50) Toluene-d8	10.18	98	747636	50.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.70%	
62) 4-Bromofluorobenzene	12.48	95	265403	51.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.56%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	60265	18.433	ug/l	97
3) Chloromethane	2.12	50	86473	18.062	ug/l	97
4) Vinyl Chloride	2.26	62	93362	19.992	ug/l	97
5) Bromomethane	2.64	94	71399	22.518	ug/l	94
6) Chloroethane	2.79	64	62742	21.119	ug/l	100
7) Trichlorofluoromethane	3.13	101	136837	20.760	ug/l	98
8) Diethyl Ether	3.53	74	48067	21.272	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.90	101	84965	21.589	ug/l	97
10) Methyl Iodide	4.10	142	98389	20.161	ug/l	99
11) Tert butyl alcohol	4.96	59	48602	111.228	ug/l	98
12) 1,1-Dichloroethene	3.88	96	78259	20.899	ug/l	92
13) Acrolein	3.73	56	36154	92.124	ug/l	100
14) Allyl chloride	4.49	41	126068	19.282	ug/l	98
15) Acrylonitrile	5.18	53	119441	102.562	ug/l	99
16) Acetone	3.95	43	103327	102.180	ug/l	99
17) Carbon Disulfide	4.20	76	239837	20.046	ug/l	98
18) Methyl Acetate	4.48	43	54267	19.919	ug/l	95
19) Methyl tert-butyl Ether	5.23	73	230101	21.081	ug/l	97
20) Methylene Chloride	4.72	84	98666	17.307	ug/l	95
21) trans-1,2-Dichloroethene	5.23	96	87910	20.754	ug/l	96
22) Diisopropyl ether	6.13	45	279587	19.952	ug/l	98
23) Vinyl Acetate	6.07	43	930648	99.337	ug/l	99
24) 1,1-Dichloroethane	6.03	63	159273	20.807	ug/l	99
25) 2-Butanone	7.00	43	167123	104.040	ug/l	100
26) 2,2-Dichloropropane	6.99	77	144775	20.817	ug/l	99
27) cis-1,2-Dichloroethene	7.00	96	101287	21.320	ug/l	96
28) Bromochloromethane	7.34	49	65052	19.100	ug/l	95
29) Tetrahydrofuran	7.36	42	107976	101.081	ug/l	96
30) Chloroform	7.52	83	154924	20.429	ug/l	99
31) Cyclohexane	7.79	56	148028	19.630	ug/l	93
32) 1,1,1-Trichloroethane	7.71	97	144337	20.852	ug/l	99
36) 1,1-Dichloropropene	7.93	75	123504	20.267	ug/l	98
37) Ethyl Acetate	7.08	43	72387	19.757	ug/l	98
38) Carbon Tetrachloride	7.91	117	131869	20.799	ug/l	94

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 Sample : VY0706SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0706SBS01

Quant Time: Jul 07 07:02:05 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y062920S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 30 04:11:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	158010	20.914	ug/l	98
40) Benzene	8.17	78	346529	20.771	ug/l	98
41) Methacrylonitrile	7.35	41	101329	51.773	ug/l #	43
42) 1,2-Dichloroethane	8.24	62	109729	20.791	ug/l	99
43) Isopropyl Acetate	8.28	43	140092	20.113	ug/l	97
44) Trichloroethene	8.94	130	103534	21.352	ug/l	100
45) 1,2-Dichloropropane	9.22	63	92275	20.559	ug/l	96
46) Dibromomethane	9.31	93	51477	20.535	ug/l	96
47) Bromodichloromethane	9.50	83	127424	20.759	ug/l	99
48) Methyl methacrylate	9.30	41	61455	19.384	ug/l	95
49) 1,4-Dioxane	9.30	88	14394	470.381	ug/l	87
51) 4-Methyl-2-Pentanone	10.07	43	367311	102.030	ug/l	98
52) Toluene	10.25	92	222060	21.144	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	133124	20.686	ug/l	97
54) cis-1,3-Dichloropropene	9.93	75	151911	20.640	ug/l	98
55) 1,1,2-Trichloroethane	10.64	97	74172	21.293	ug/l	96
56) Ethyl methacrylate	10.51	69	105195	20.862	ug/l	98
57) 1,3-Dichloropropane	10.79	76	128317	20.983	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.78	63	238279	92.137	ug/l	98
59) 2-Hexanone	10.83	43	260327	103.456	ug/l	100
60) Dibromochloromethane	10.99	129	94917	21.292	ug/l	100
61) 1,2-Dibromoethane	11.09	107	71714	20.882	ug/l	98
64) Tetrachloroethene	10.72	164	104599	21.549	ug/l	97
65) Chlorobenzene	11.52	112	240465	21.263	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.59	131	95566	21.644	ug/l	99
67) Ethyl Benzene	11.59	91	437813	21.162	ug/l	99
68) m/p-Xylenes	11.70	106	327624	42.548	ug/l	98
69) o-Xylene	12.03	106	154824	21.338	ug/l	97
70) Styrene	12.04	104	265700	21.434	ug/l	98
71) Bromoform	12.20	173	63175	21.458	ug/l #	99
73) Isopropylbenzene	12.33	105	426280	21.283	ug/l	99
74) N-amyl acetate	12.14	43	130472	20.010	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.58	83	87734	21.706	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	120097	39.650	ug/l #	100
77) Bromobenzene	12.61	156	109572	21.336	ug/l	98
78) n-propylbenzene	12.67	91	512383	21.271	ug/l	100
79) 2-Chlorotoluene	12.75	91	283192	21.062	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	355962	21.179	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	31830	20.446	ug/l	98
82) 4-Chlorotoluene	12.85	91	294000	21.002	ug/l	98
83) tert-Butylbenzene	13.07	119	316162	21.423	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	361781	21.361	ug/l	99
85) sec-Butylbenzene	13.25	105	436118	21.439	ug/l	100
86) p-Isopropyltoluene	13.37	119	399964	21.219	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	205333	21.416	ug/l	100
88) 1,4-Dichlorobenzene	13.44	146	205300	21.715	ug/l	98
89) n-Butylbenzene	13.70	91	388136	21.522	ug/l	100
90) Hexachloroethane	13.96	117	79142	21.144	ug/l	100
91) 1,2-Dichlorobenzene	13.74	146	186906	21.727	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	14899	20.822	ug/l	93

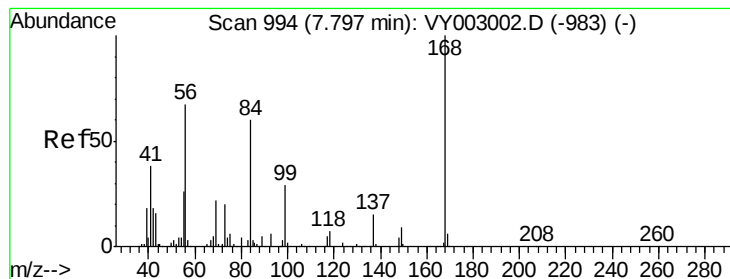
Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY070620\
Data File : VY003105.D
Acq On : 06 Jul 2020 11:45
Operator : SY/MD
Sample : VY0706SBSD01
Misc : 5.00G/5ML/MSVOA Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y062920S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 30 04:11:35 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	141410	22.123	ug/l	98
94) Hexachlorobutadiene	15.11	225	88393	21.923	ug/l	98
95) Naphthalene	15.23	128	250778	21.479	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	120140	21.645	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.00 min

Lab File: VY003105.D

Acq: 06 Jul 2020 11:45

Instrument :

MSVOA_Y

ClientSampleId :

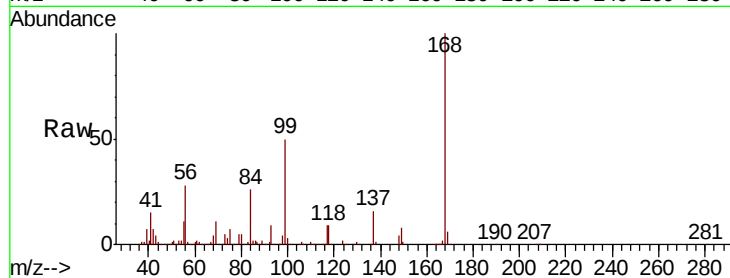
VY0706SBSD01

Tot Ion:168 Resp: 431696

Ion Ratio Lower Upper

168 100

99 49.8 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): VY003105.D (-945) (-)

Ion 98.90 (98.60 to 99.60): VY003105.D (-945) (-)

7.80

200000

150000

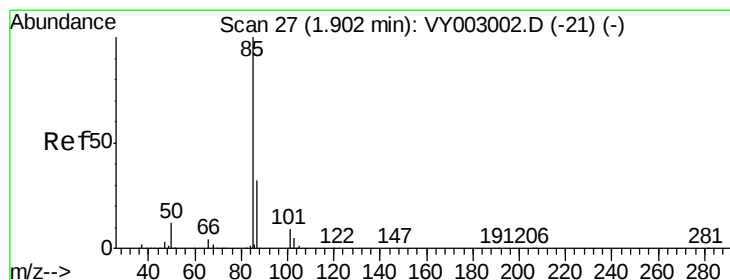
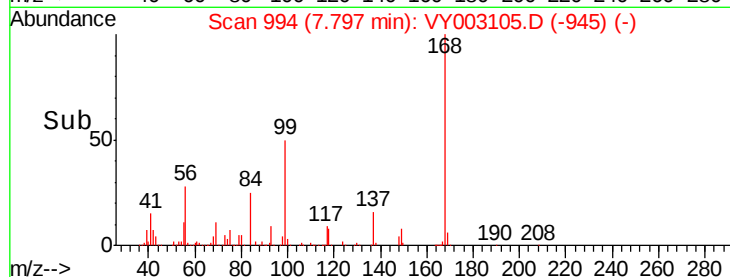
100000

50000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 18.433 ug/l

RT: 1.91 min Scan# 28

Delta R.T. 0.01 min

Lab File: VY003105.D

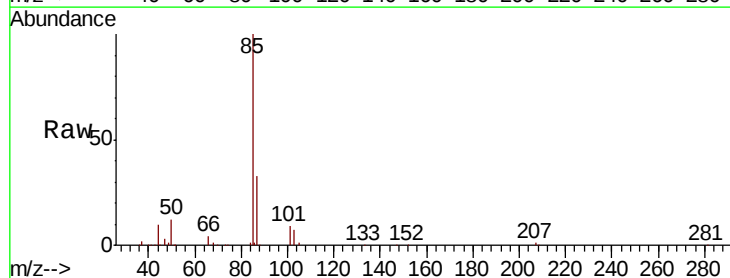
Acq: 06 Jul 2020 11:45

Tgt Ion: 85 Resp: 60265

Ion Ratio Lower Upper

85 100

87 33.3 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VY003105.D (-1) (-)

Ion 86.90 (86.60 to 87.60): VY003105.D (-1) (-)

1.91

40000

30000

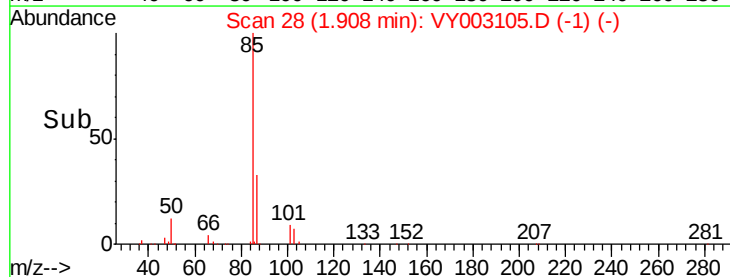
20000

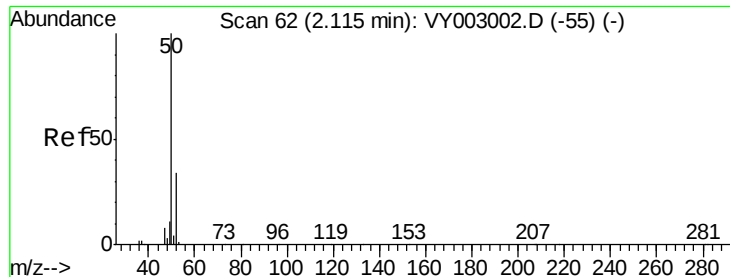
10000

0

1.85 1.90 1.95 2.00

Time-->





#3

Chloromethane

Concen: 18.062 ug/l

RT: 2.12 min Scan# 62

Delta R.T. -0.00 min

Lab File: VY003105.D

Acq: 06 Jul 2020 11:45

Instrument :

MSVOA_Y

ClientSampleId :

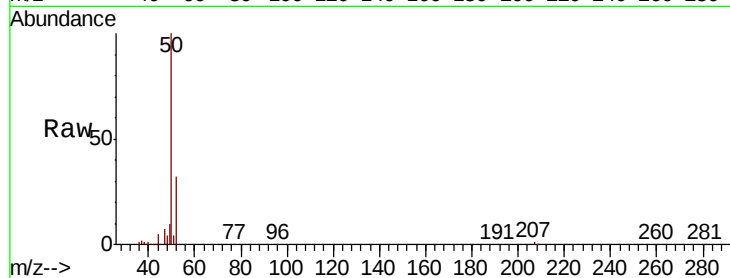
VY0706SBSD01

Tot Ion: 50 Resp: 86473

Ion Ratio Lower Upper

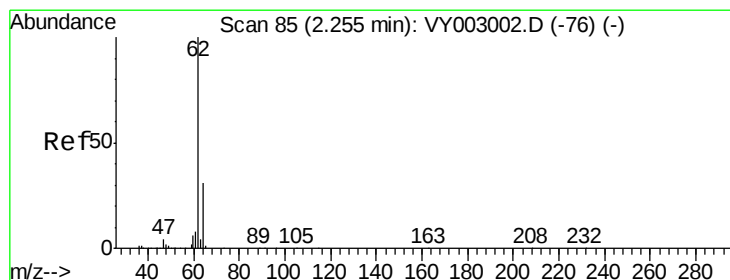
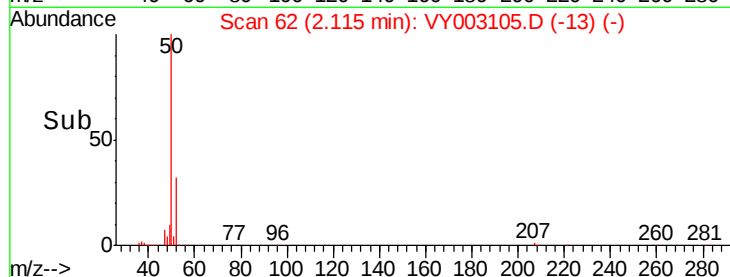
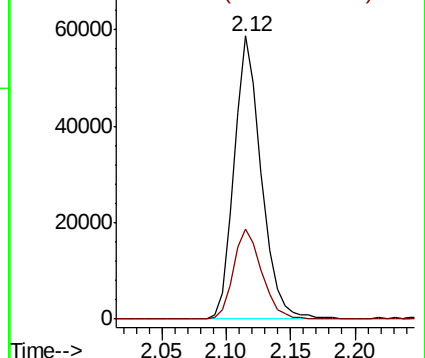
50 100

52 31.8 26.9 40.3



Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0



#4

Vinyl Chloride

Concen: 19.992 ug/l

RT: 2.26 min Scan# 85

Delta R.T. -0.00 min

Lab File: VY003105.D

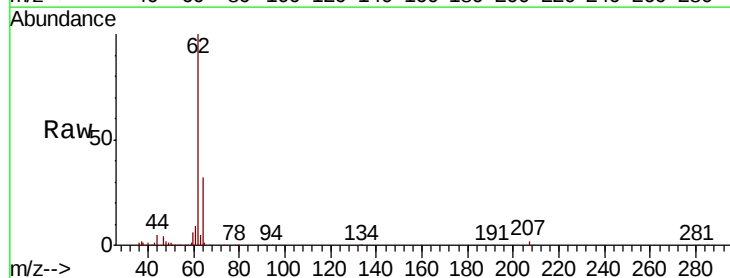
Acq: 06 Jul 2020 11:45

Tgt Ion: 62 Resp: 93362

Ion Ratio Lower Upper

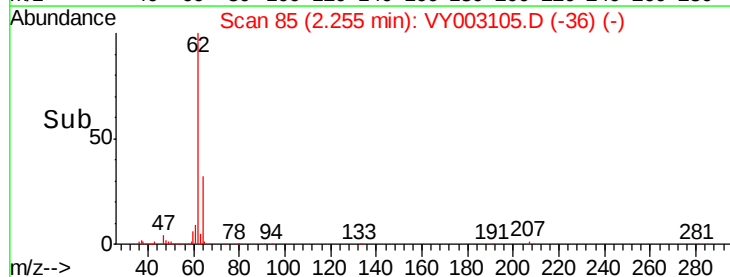
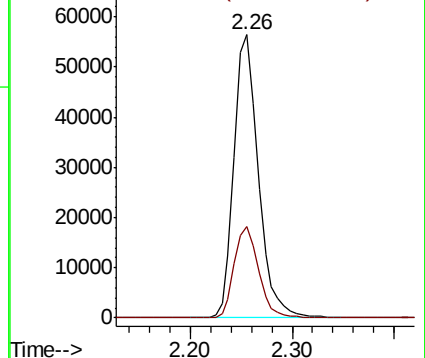
62 100

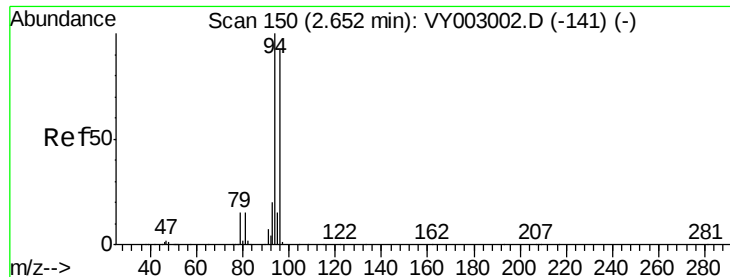
64 32.4 24.4 36.6



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 22.518 ug/l

RT: 2.64 min Scan# 148

Delta R.T. -0.01 min

Lab File: VY003105.D

Acq: 06 Jul 2020 11:45

Instrument :

MSVOA_Y

ClientSampleId :

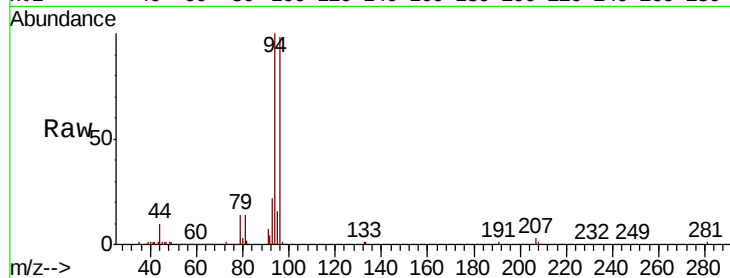
VY0706SBSD01

Tot Ion: 94 Resp: 71399

Ion Ratio Lower Upper

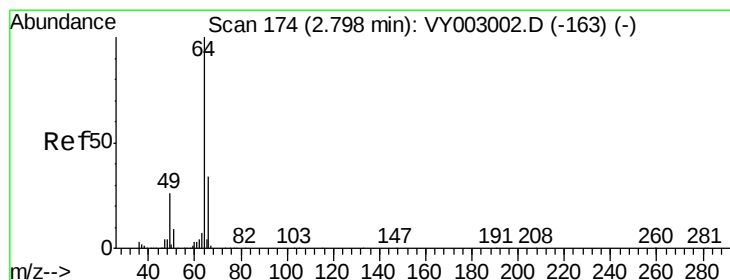
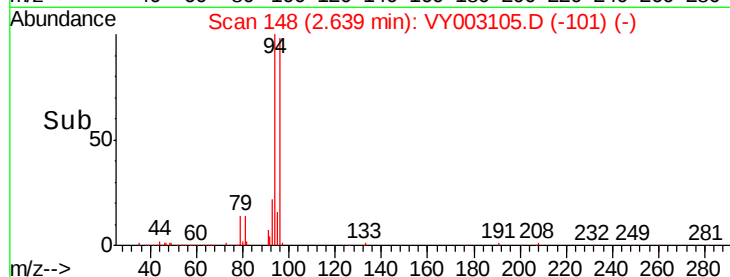
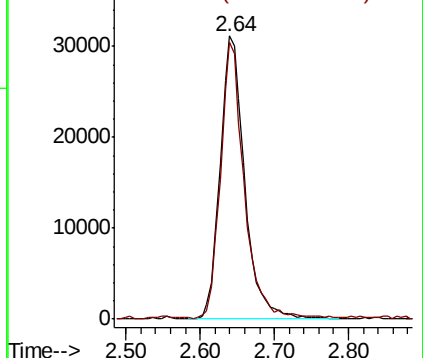
94 100

96 97.5 73.4 110.2



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 21.119 ug/l

RT: 2.79 min Scan# 173

Delta R.T. -0.01 min

Lab File: VY003105.D

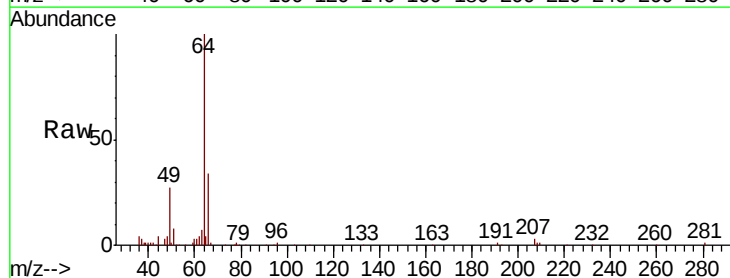
Acq: 06 Jul 2020 11:45

Tgt Ion: 64 Resp: 62742

Ion Ratio Lower Upper

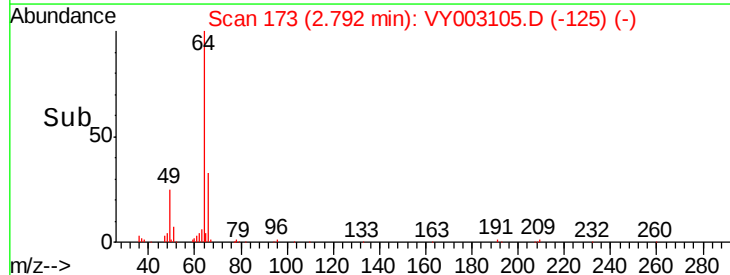
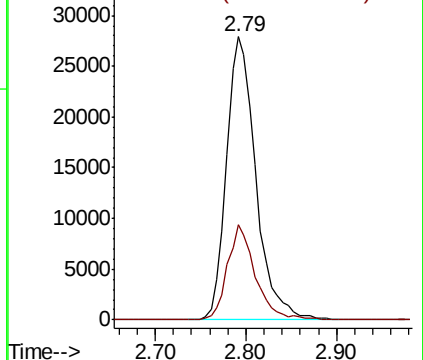
64 100

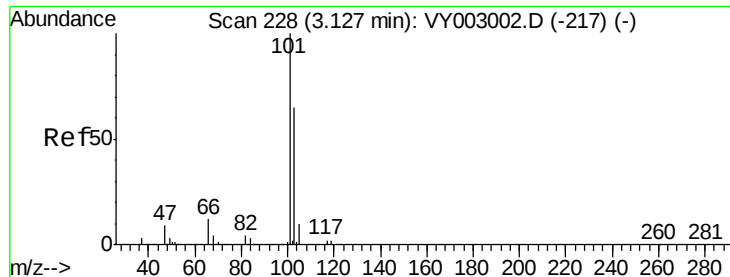
66 33.6 27.0 40.4



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0



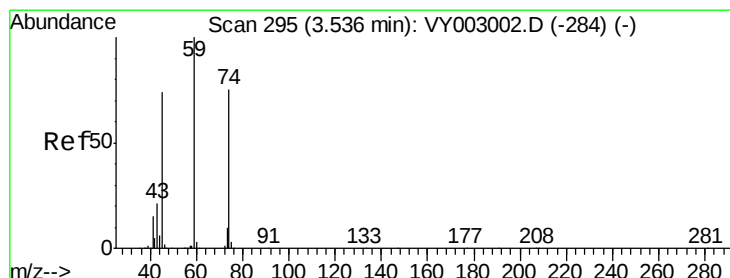
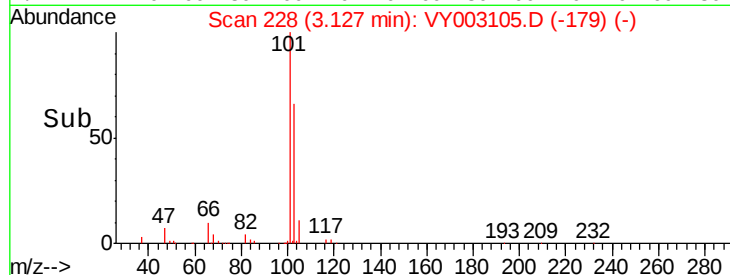
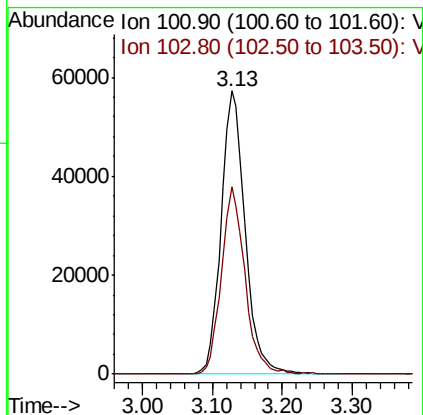
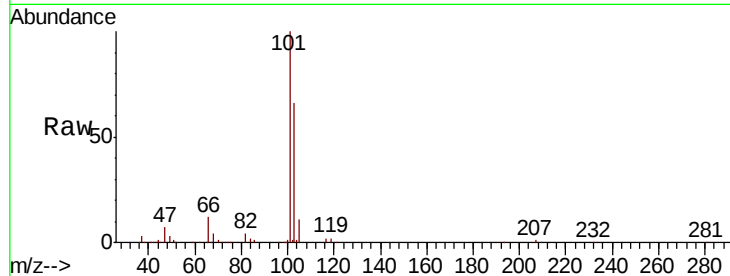


#7

Trichlorofluoromethane
Concen: 20.760 ug/l
RT: 3.13 min Scan# 228
Delta R.T. -0.00 min
Lab File: VY003105.D
Acq: 06 Jul 2020 11:45

Instrument :
MSVOA_Y
ClientSampleId :
VY0706SBSD01

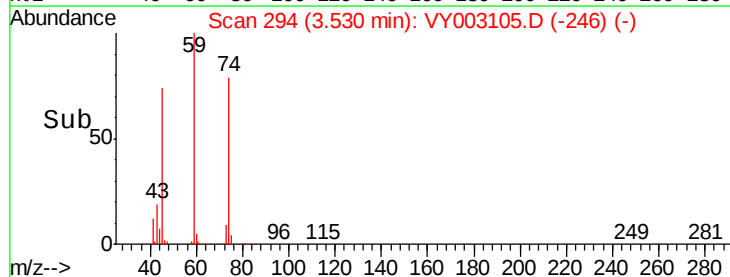
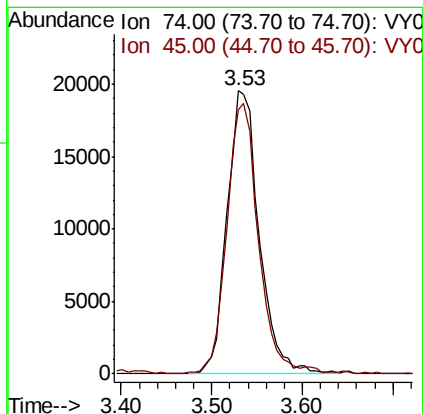
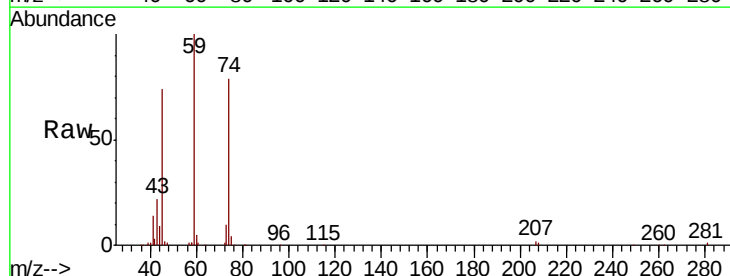
Tot Ion:101 Resp: 136837
Ion Ratio Lower Upper
101 100
103 66.0 51.6 77.4

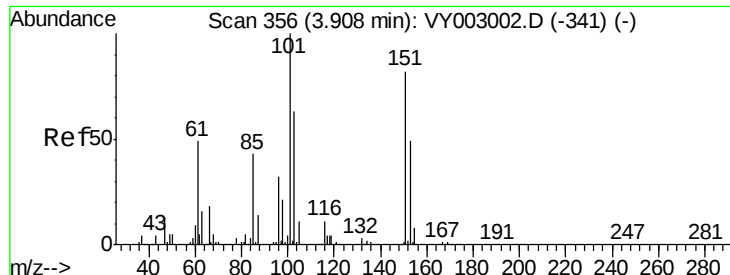


#8

Diethyl Ether
Concen: 21.272 ug/l
RT: 3.53 min Scan# 294
Delta R.T. -0.01 min
Lab File: VY003105.D
Acq: 06 Jul 2020 11:45

Tgt Ion: 74 Resp: 48067
Ion Ratio Lower Upper
74 100
45 93.2 49.3 147.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.589 ug/l

RT: 3.90 min Scan# 355

Delta R.T. -0.01 min

Lab File: VY003105.D

Acq: 06 Jul 2020 11:45

Instrument :

MSVOA_Y

ClientSampleId :

VY0706SBSD01

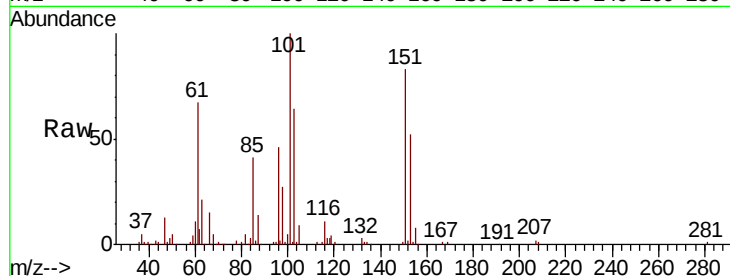
Tot Ion:101 Resp: 84965

Ion Ratio Lower Upper

101 100

85 42.4 35.5 53.3

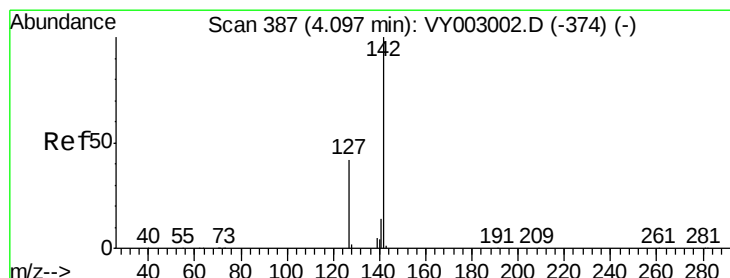
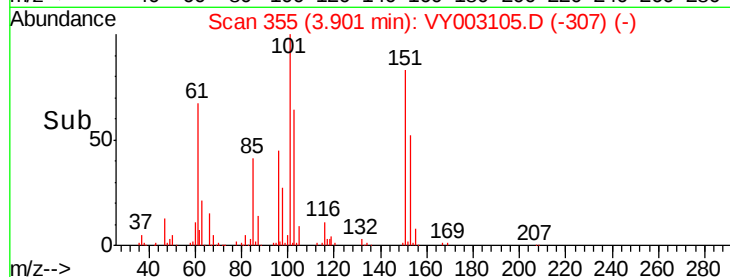
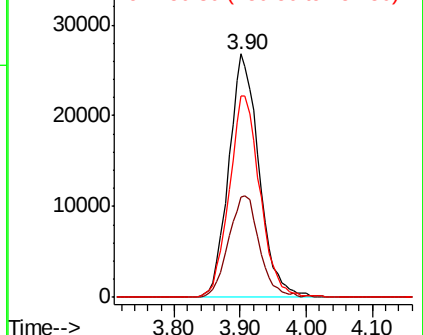
151 84.0 65.5 98.3



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VY0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 20.161 ug/l

RT: 4.10 min Scan# 387

Delta R.T. -0.00 min

Lab File: VY003105.D

Acq: 06 Jul 2020 11:45

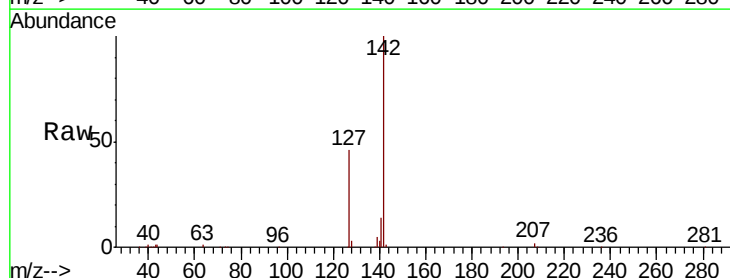
Tgt Ion:142 Resp: 98389

Ion Ratio Lower Upper

142 100

127 42.3 34.2 51.2

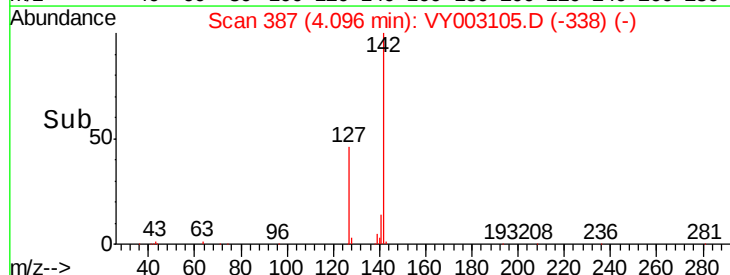
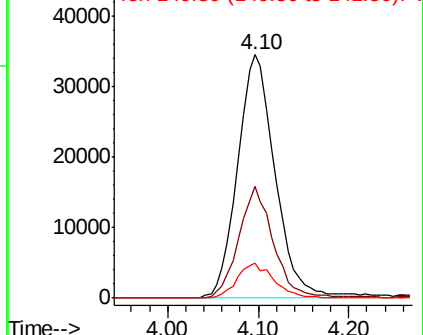
141 14.2 11.7 17.5

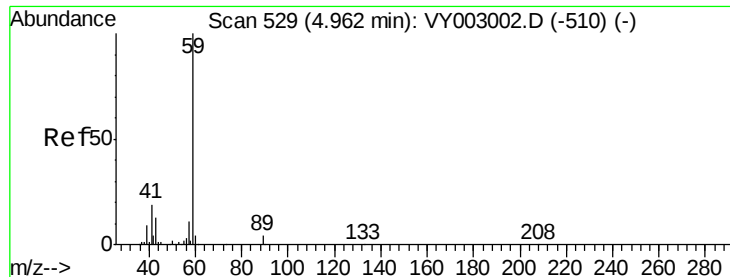


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



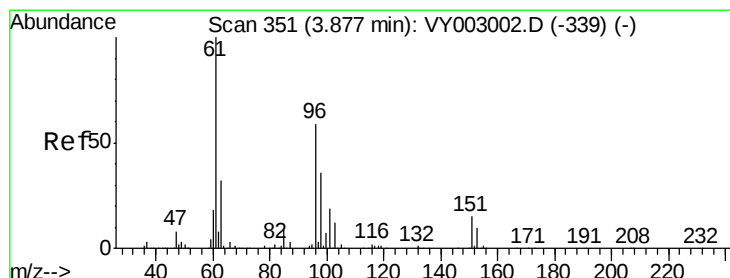
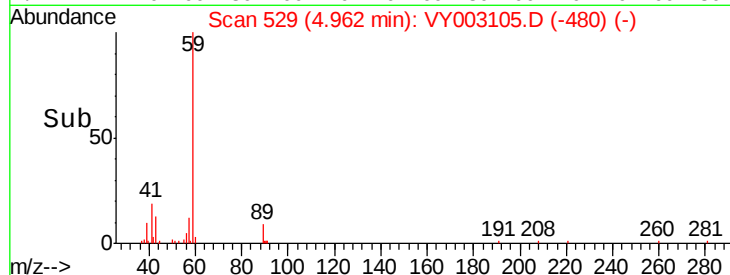
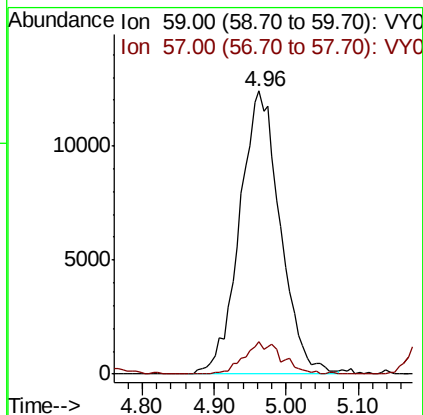
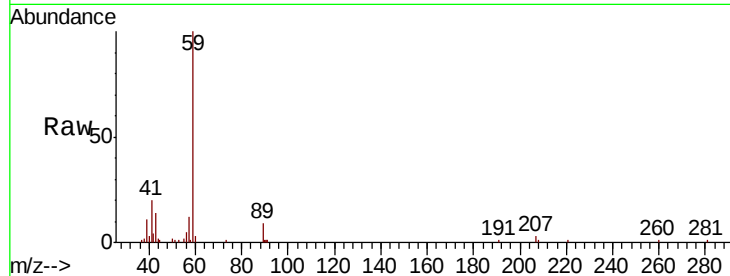


#11

Tert butyl alcohol
 Concen: 111.228 ug/l
 RT: 4.96 min Scan# 529
 Delta R.T. -0.00 min
 Lab File: VY003105.D
 Acq: 06 Jul 2020 11:45

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0706SBS01

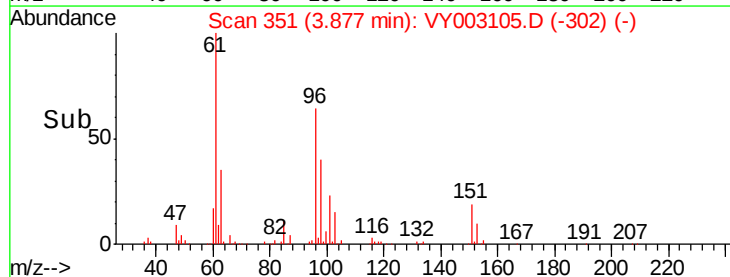
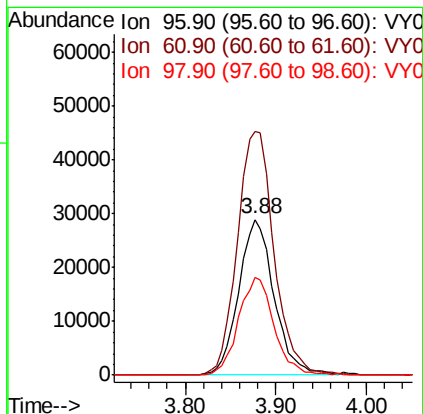
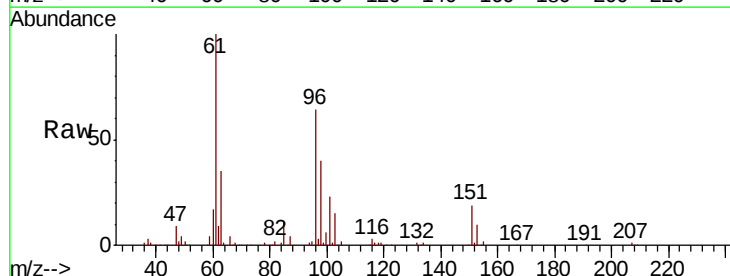
Tot Ion: 59 Resp: 48602
 Ion Ratio Lower Upper
 59 100
 57 10.6 8.0 12.0

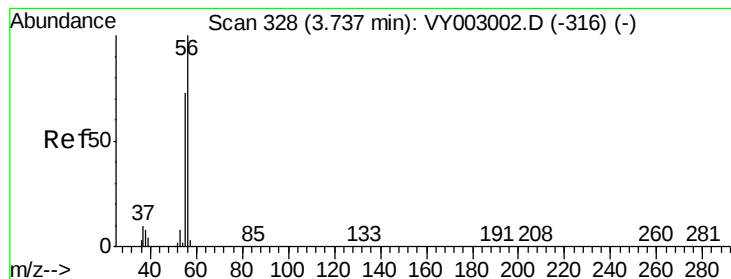


#12

1,1-Dichloroethene
 Concen: 20.899 ug/l
 RT: 3.88 min Scan# 351
 Delta R.T. -0.00 min
 Lab File: VY003105.D
 Acq: 06 Jul 2020 11:45

Tgt Ion: 96 Resp: 78259
 Ion Ratio Lower Upper
 96 100
 61 156.6 136.7 205.1
 98 63.0 49.7 74.5





#13

Acrolein

Concen: 92.124 ug/l

RT: 3.73 min Scan# 327

Delta R.T. -0.01 min

Lab File: VY003105.D

Acq: 06 Jul 2020 11:45

Instrument :

MSVOA_Y

ClientSampleId :

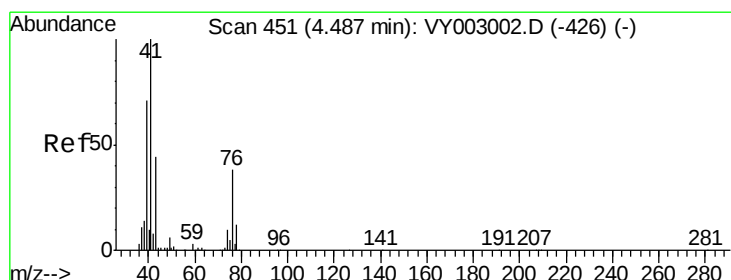
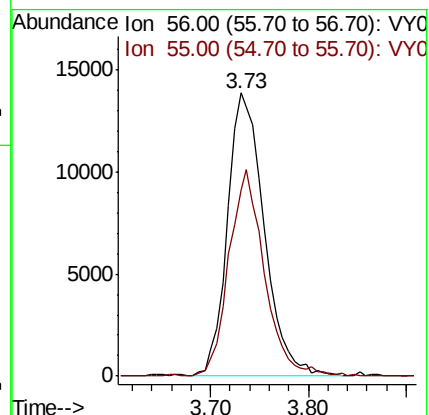
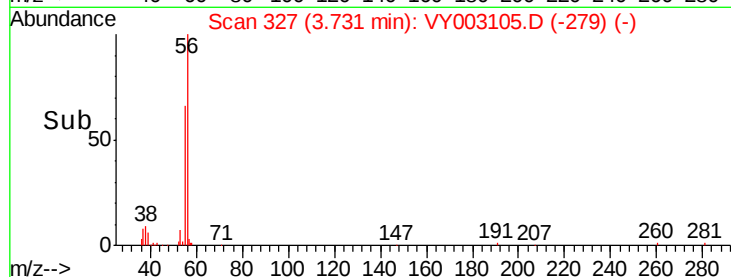
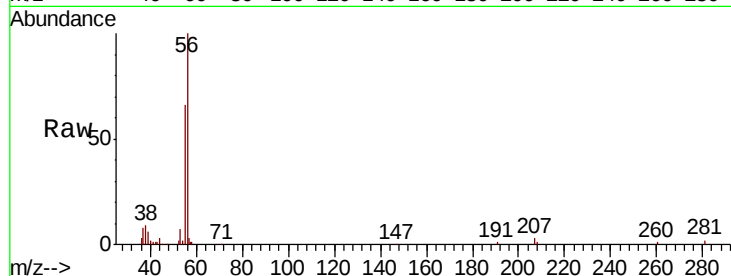
VY0706SBSD01

Tot Ion: 56 Resp: 36154

Ion Ratio Lower Upper

56 100

55 70.7 56.4 84.6



#14

Allyl chloride

Concen: 19.282 ug/l

RT: 4.49 min Scan# 451

Delta R.T. -0.00 min

Lab File: VY003105.D

Acq: 06 Jul 2020 11:45

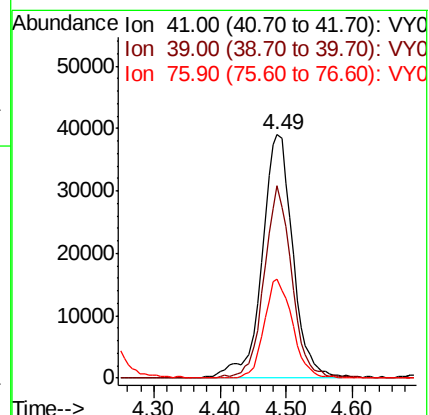
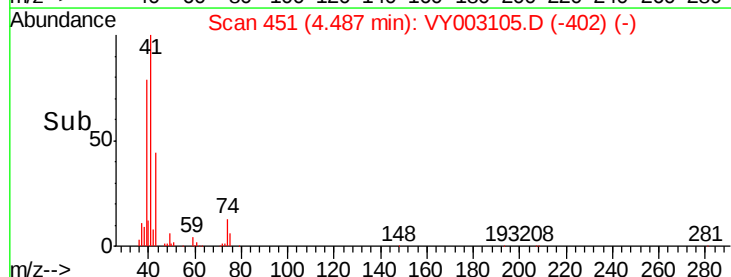
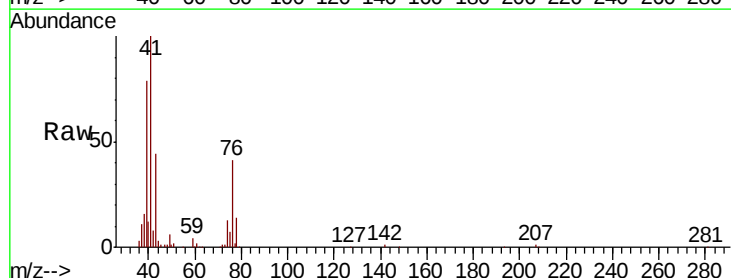
Tgt Ion: 41 Resp: 126068

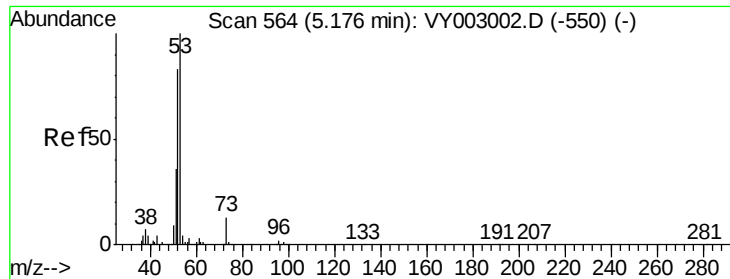
Ion Ratio Lower Upper

41 100

39 70.9 55.6 83.4

76 37.5 28.6 43.0





#15

Acrylonitrile

Concen: 102.562 ug/l

RT: 5.18 min Scan# 564

Delta R.T. -0.00 min

Lab File: VY003105.D

Acq: 06 Jul 2020 11:45

Instrument :

MSVOA_Y

ClientSampleId :

VY0706SBS01

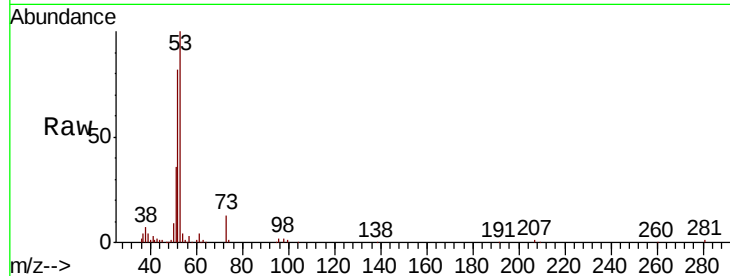
Tot Ion: 53 Resp: 119441

Ion Ratio Lower Upper

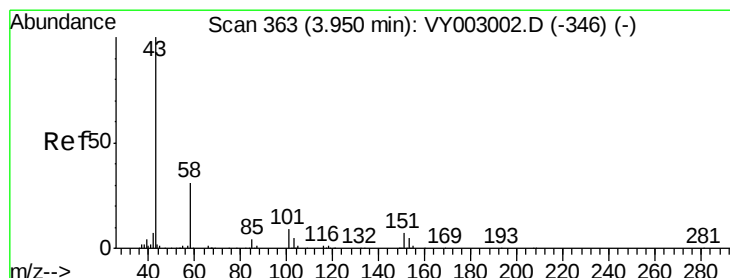
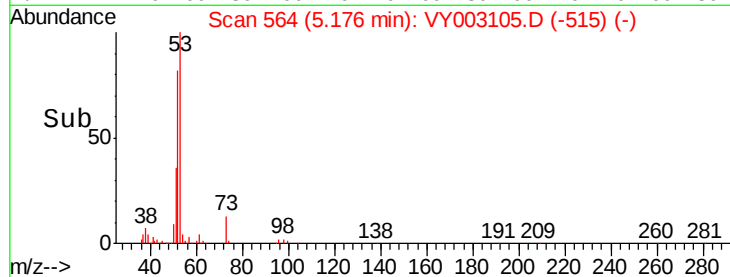
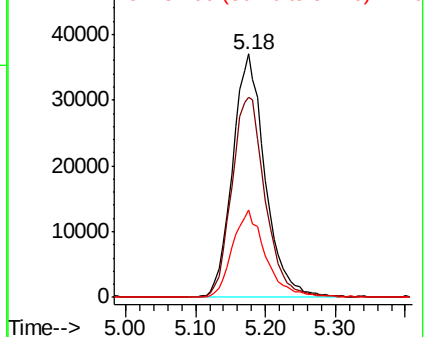
53 100

52 84.4 66.2 99.2

51 36.8 29.5 44.3



Abundance Ion 53.00 (52.70 to 53.70): VY0
Ion 52.00 (51.70 to 52.70): VY0
Ion 51.00 (50.70 to 51.70): VY0



#16

Acetone

Concen: 102.180 ug/l

RT: 3.95 min Scan# 363

Delta R.T. -0.00 min

Lab File: VY003105.D

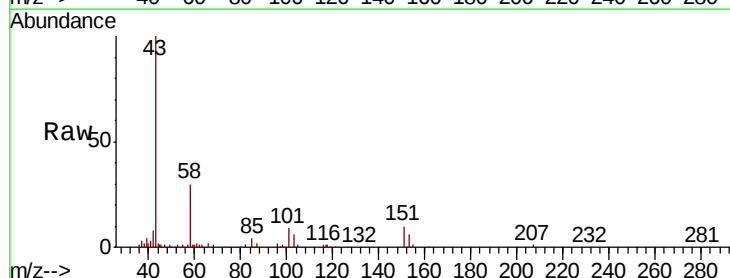
Acq: 06 Jul 2020 11:45

Tgt Ion: 43 Resp: 103327

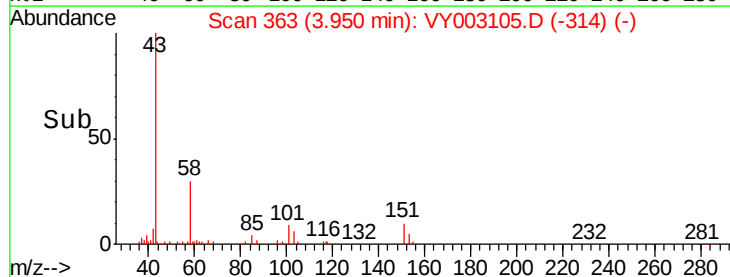
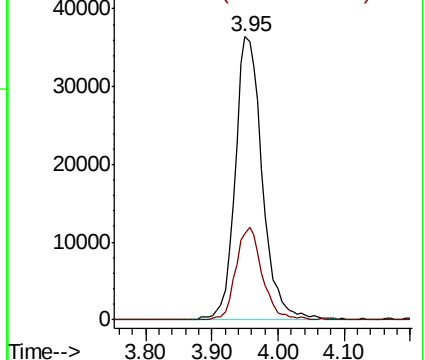
Ion Ratio Lower Upper

43 100

58 30.3 24.7 37.1



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

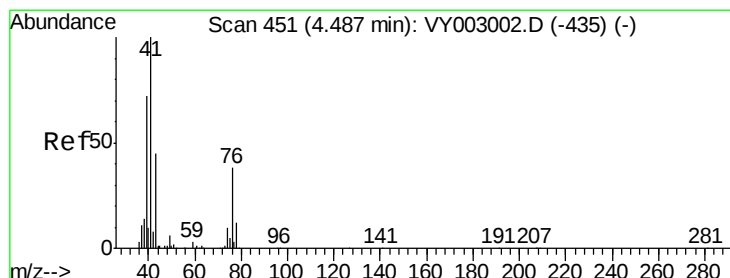
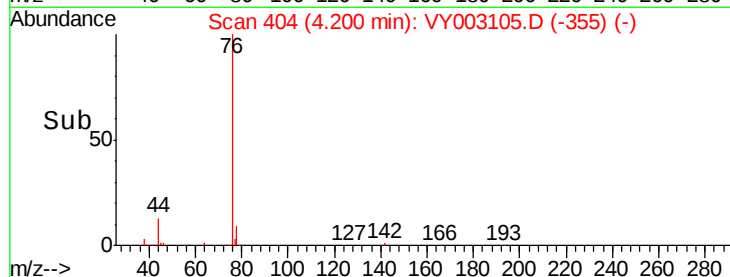
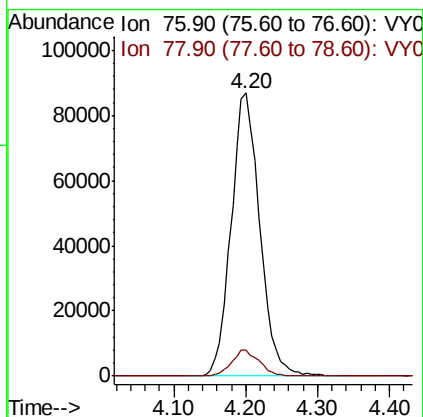
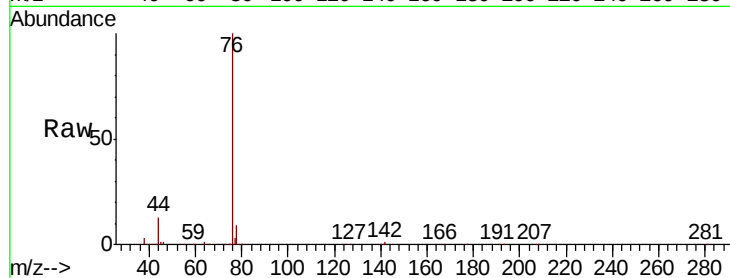




#17
Carbon Disulfide
Concen: 20.046 ug/l
RT: 4.20 min Scan# 404
Delta R.T. -0.00 min
Lab File: VY003105.D
Acq: 06 Jul 2020 11:45

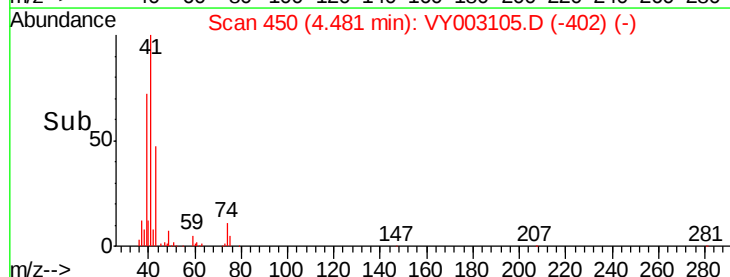
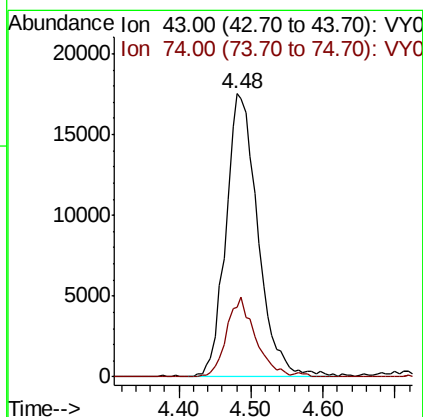
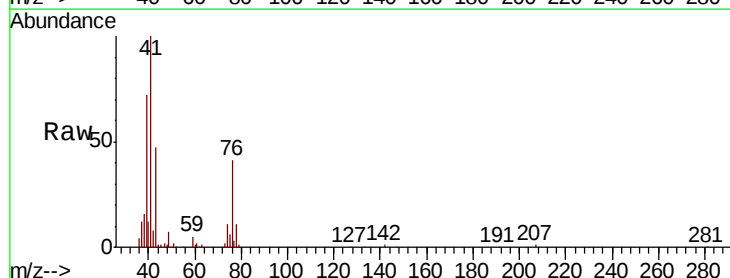
Instrument :
MSVOA_Y
ClientSampleId :
VY0706SBSD01

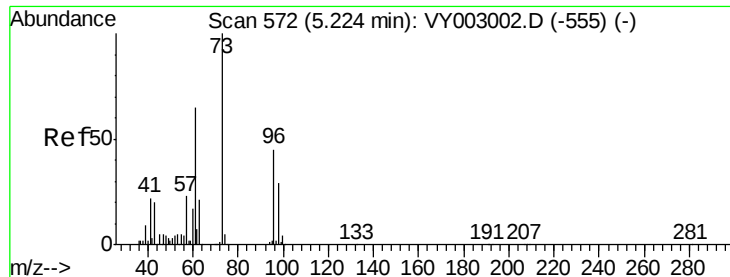
Tot Ion: 76 Resp: 239837
Ion Ratio Lower Upper
76 100
78 9.4 7.0 10.6



#18
Methyl Acetate
Concen: 19.919 ug/l
RT: 4.48 min Scan# 450
Delta R.T. -0.01 min
Lab File: VY003105.D
Acq: 06 Jul 2020 11:45

Tgt Ion: 43 Resp: 54267
Ion Ratio Lower Upper
43 100
74 25.1 18.2 27.4

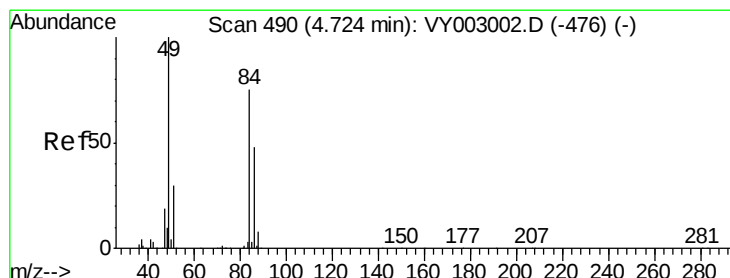
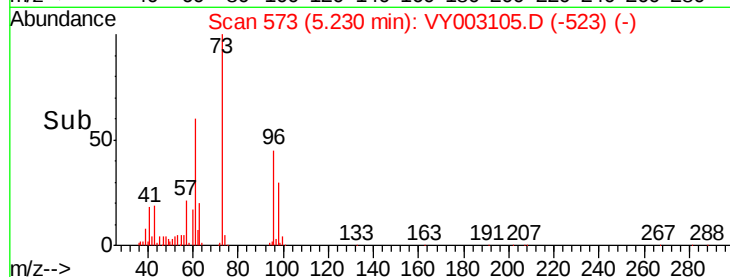
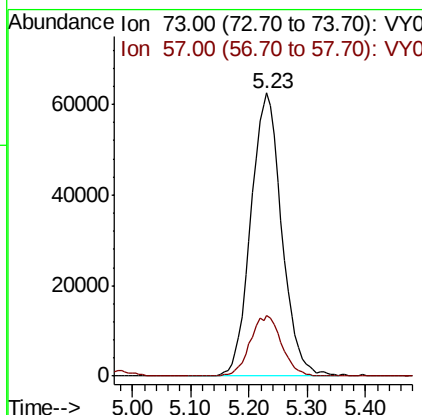
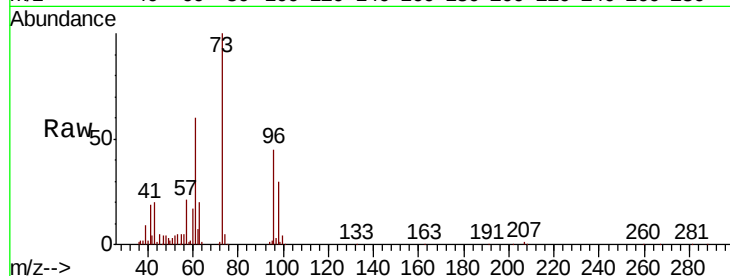




#19
Methvl tert-butvl Ether
Concen: 21.081 ug/l
RT: 5.23 min Scan# 573
Delta R.T. 0.01 min
Lab File: VY003105.D
Acq: 06 Jul 2020 11:45

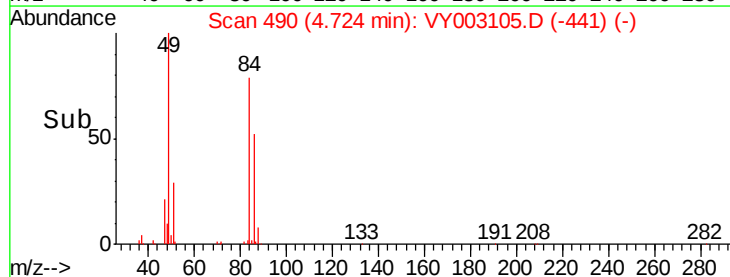
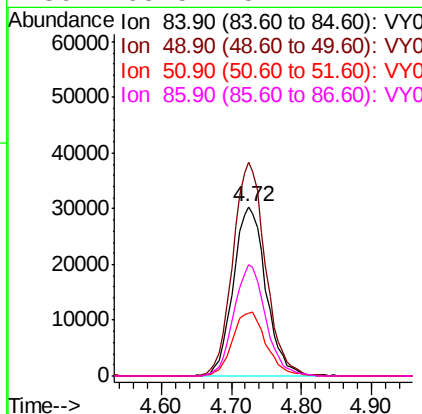
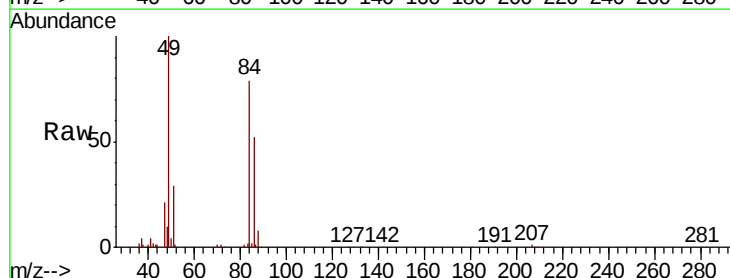
Instrument :
MSVOA_Y
ClientSampleId :
VY0706SBSD01

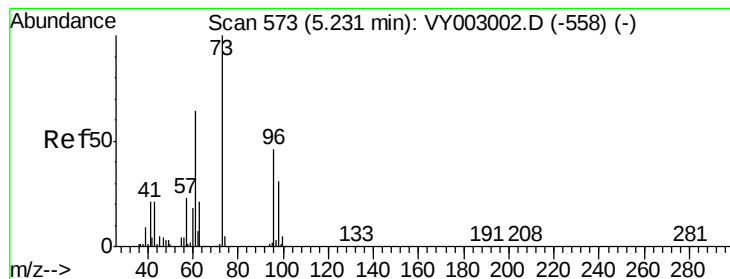
Tot Ion: 73 Resp: 230101
Ion Ratio Lower Upper
73 100
57 21.4 18.2 27.2



#20
Methylene Chloride
Concen: 17.307 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.00 min
Lab File: VY003105.D
Acq: 06 Jul 2020 11:45

Tgt Ion: 84 Resp: 98666
Ion Ratio Lower Upper
84 100
49 126.0 106.8 160.2
51 37.0 32.0 48.0
86 65.5 51.4 77.2





#21

trans-1,2-Dichloroethene

Concen: 20.754 ug/l

RT: 5.23 min Scan# 573

Delta R.T. -0.00 min

Lab File: VY003105.D

Acq: 06 Jul 2020 11:45

Instrument :

MSVOA_Y

ClientSampleId :

VY0706SBSD01

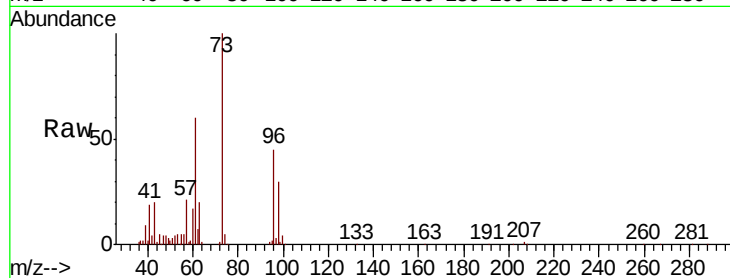
Tot Ion: 96 Resp: 87910

Ion Ratio Lower Upper

96 100

61 132.9 112.3 168.5

98 66.7 53.8 80.8

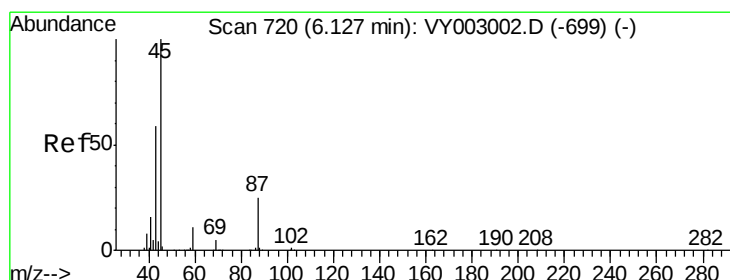
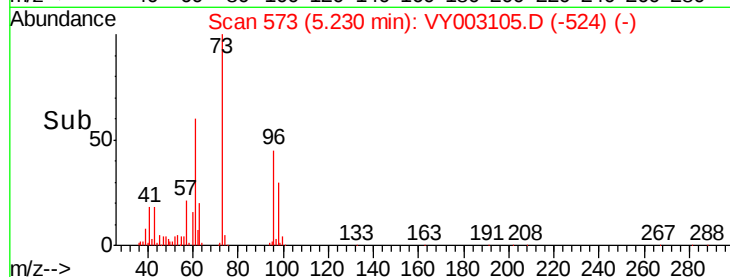
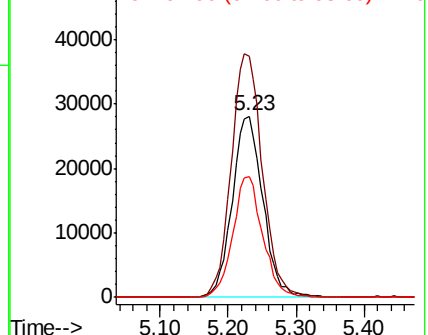


Abundance

Ion 95.90 (95.60 to 96.60): VY0

Ion 60.90 (60.60 to 61.60): VY0

Ion 97.90 (97.60 to 98.60): VY0



#22

Diisopropyl ether

Concen: 19.952 ug/l

RT: 6.13 min Scan# 720

Delta R.T. -0.00 min

Lab File: VY003105.D

Acq: 06 Jul 2020 11:45

Tgt Ion: 45 Resp: 279587

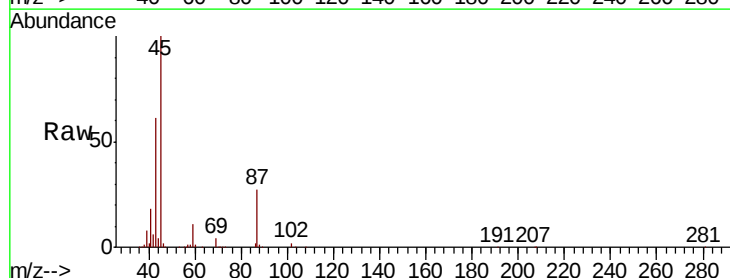
Ion Ratio Lower Upper

45 100

43 60.5 47.4 71.2

87 27.1 20.2 30.2

59 10.8 9.2 13.8



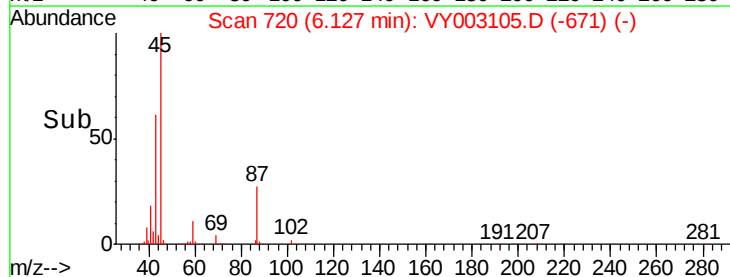
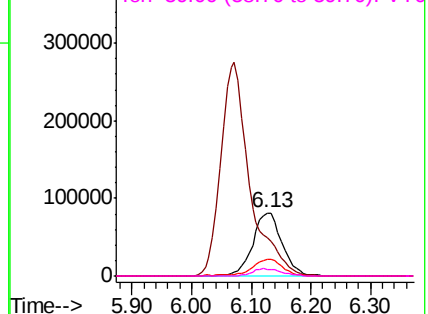
Abundance

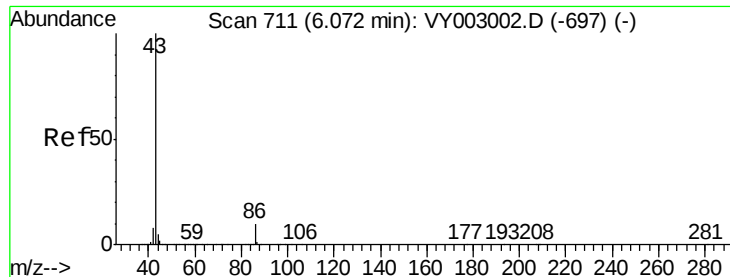
Ion 45.00 (44.70 to 45.70): VY0

Ion 43.00 (42.70 to 43.70): VY0

Ion 87.00 (86.70 to 87.70): VY0

Ion 59.00 (58.70 to 59.70): VY0





#23

Vinyl Acetate

Concen: 99.337 ug/l

RT: 6.07 min Scan# 711

Delta R.T. -0.00 min

Lab File: VY003105.D

Acq: 06 Jul 2020 11:45

Instrument :

MSVOA_Y

ClientSampleId :

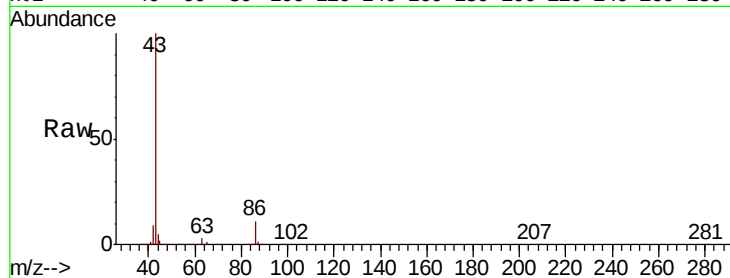
VY0706SBS01

Tot Ion: 43 Resp: 930648

Ion Ratio Lower Upper

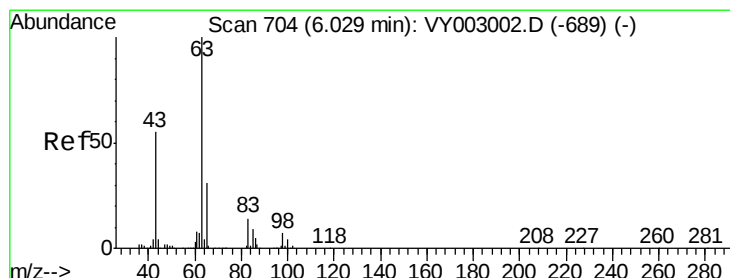
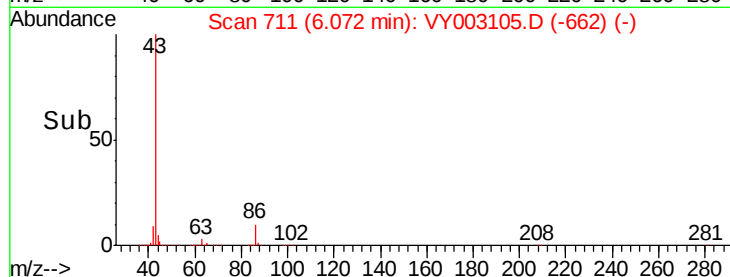
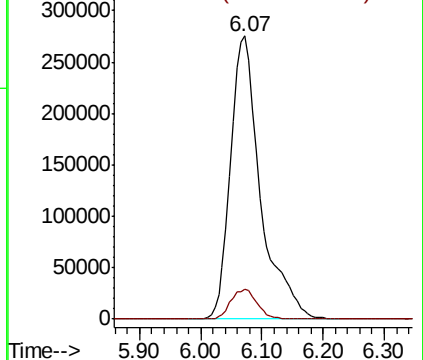
43 100

86 10.6 8.1 12.1



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0



#24

1,1-Dichloroethane

Concen: 20.807 ug/l

RT: 6.03 min Scan# 704

Delta R.T. -0.00 min

Lab File: VY003105.D

Acq: 06 Jul 2020 11:45

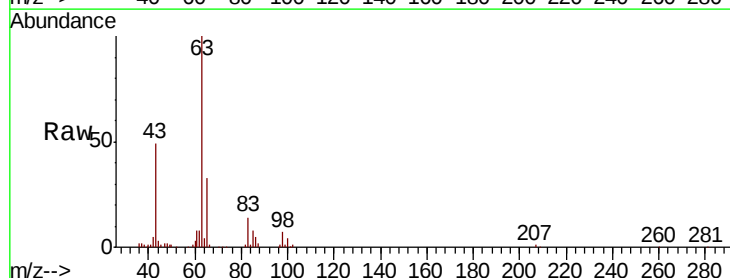
Tgt Ion: 63 Resp: 159273

Ion Ratio Lower Upper

63 100

98 7.1 3.4 10.1

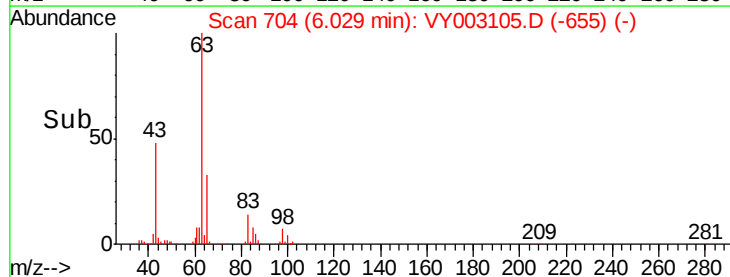
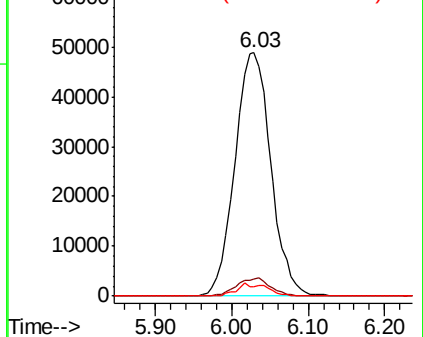
100 4.1 2.3 6.8



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

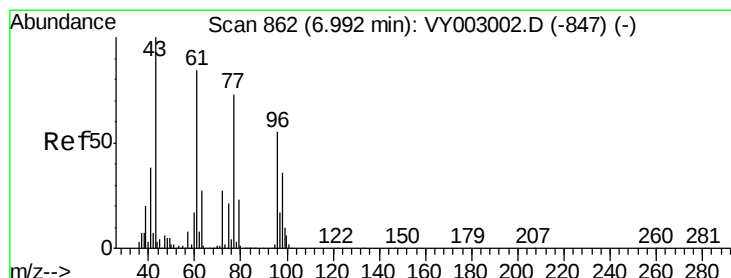
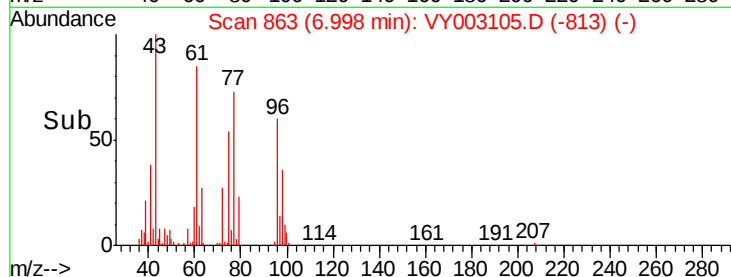
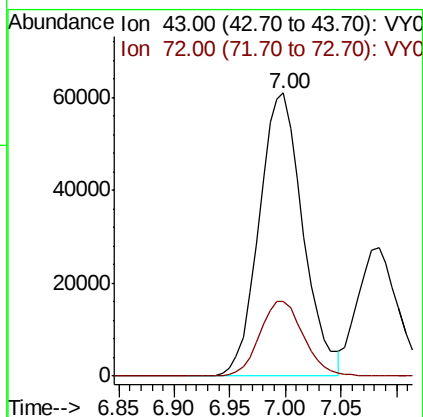
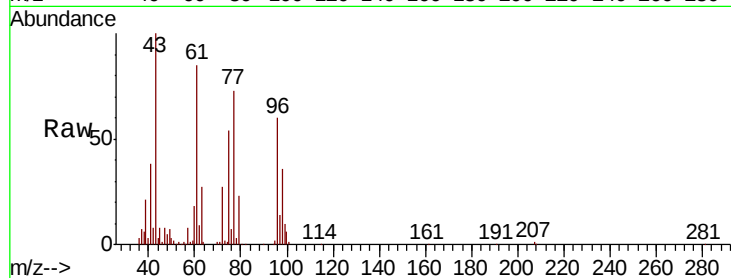




#25
2-Butanone
Concen: 104.040 ug/l
RT: 7.00 min Scan# 863
Delta R.T. 0.01 min
Lab File: VY003105.D
Acq: 06 Jul 2020 11:45

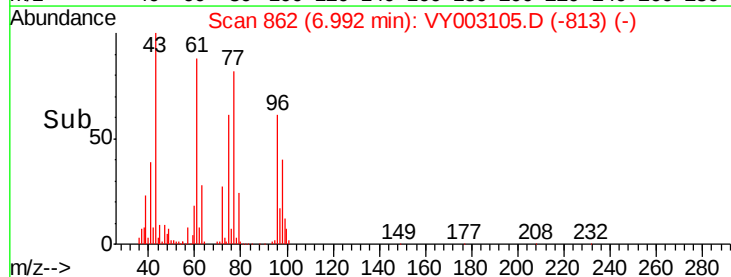
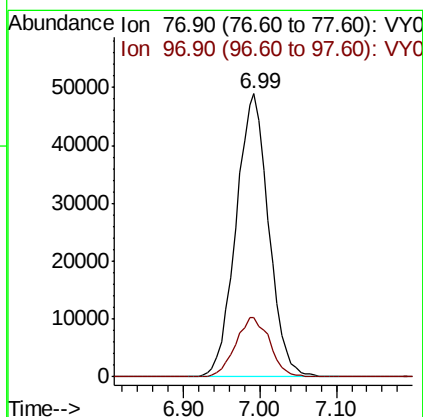
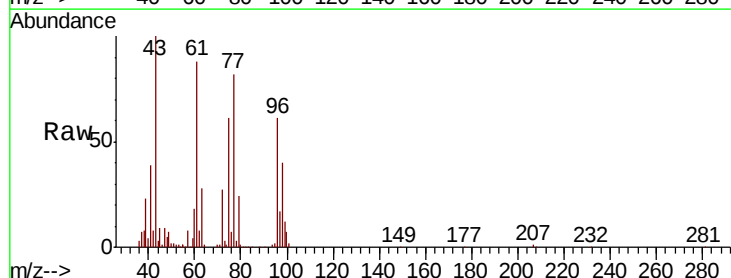
Instrument :
MSVOA_Y
ClientSampleId :
VY0706SBSD01

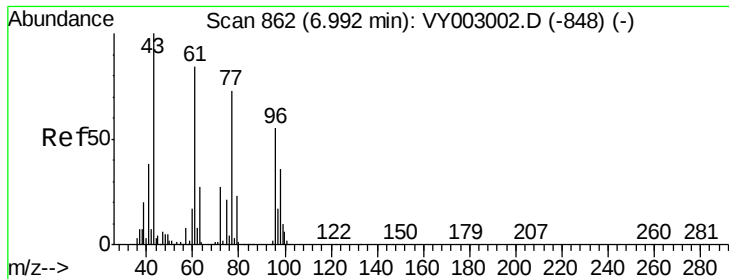
Tot Ion: 43 Resp: 167123
Ion Ratio Lower Upper
43 100
72 26.6 21.4 32.0



#26
2,2-Dichloropropane
Concen: 20.817 ug/l
RT: 6.99 min Scan# 862
Delta R.T. -0.00 min
Lab File: VY003105.D
Acq: 06 Jul 2020 11:45

Tgt Ion: 77 Resp: 144775
Ion Ratio Lower Upper
77 100
97 22.0 11.3 33.9



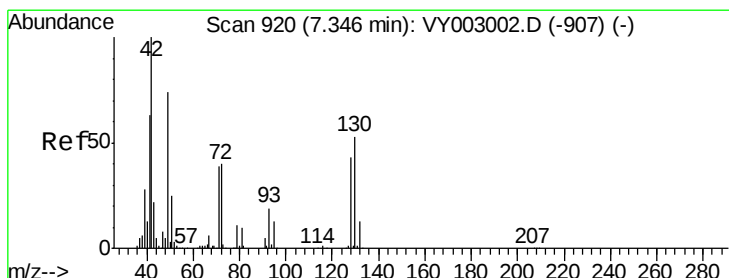
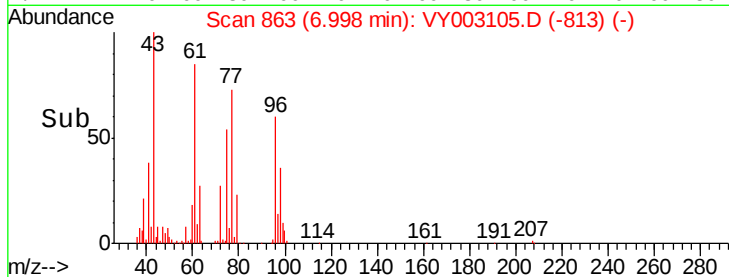
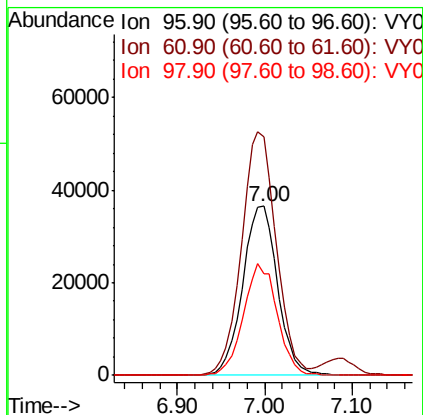
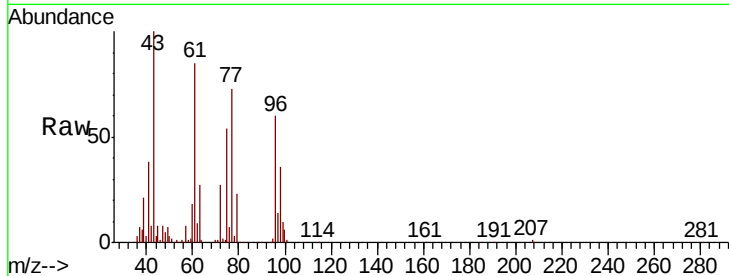


#27

cis-1,2-Dichloroethene
 Concen: 21.320 ug/l
 RT: 7.00 min Scan# 863
 Delta R.T. 0.01 min
 Lab File: VY003105.D
 Acq: 06 Jul 2020 11:45

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0706SBSD01

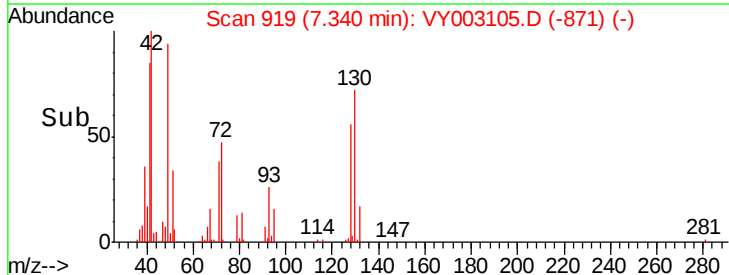
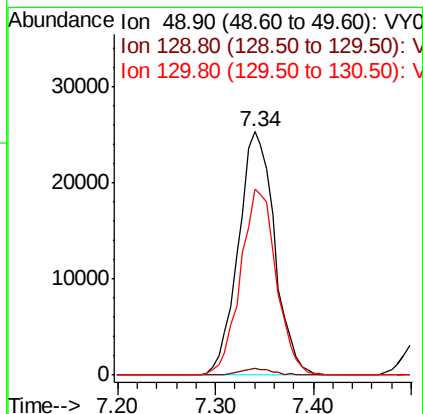
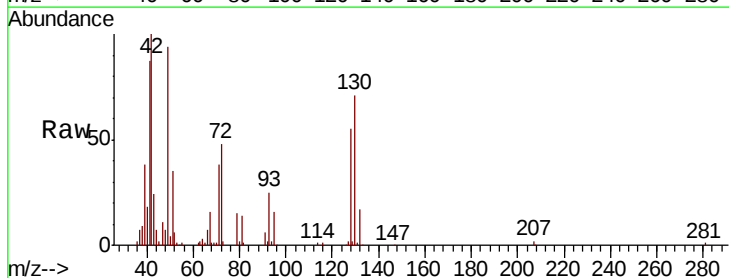
Tot Ion	Ratio	Lower	Upper
96	100		
61	143.5	0.0	301.2
98	64.2	0.0	129.0

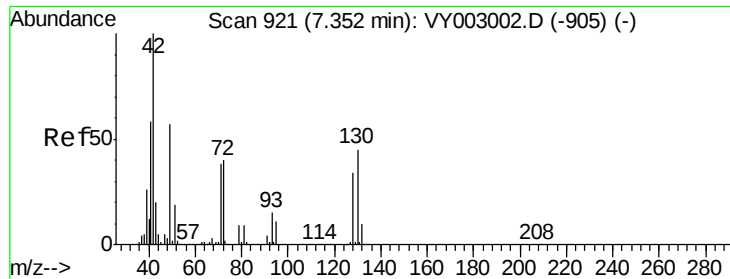


#28

Bromochloromethane
 Concen: 19.100 ug/l
 RT: 7.34 min Scan# 919
 Delta R.T. -0.01 min
 Lab File: VY003105.D
 Acq: 06 Jul 2020 11:45

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	4.4
130	75.3	57.0	85.6

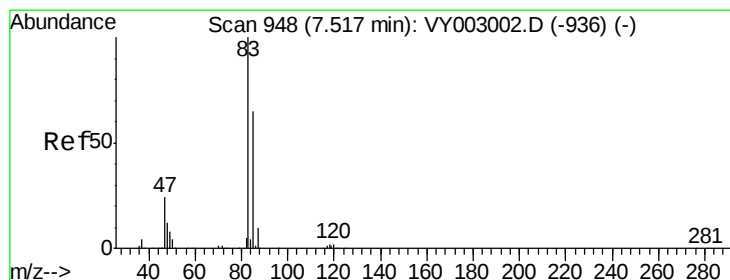
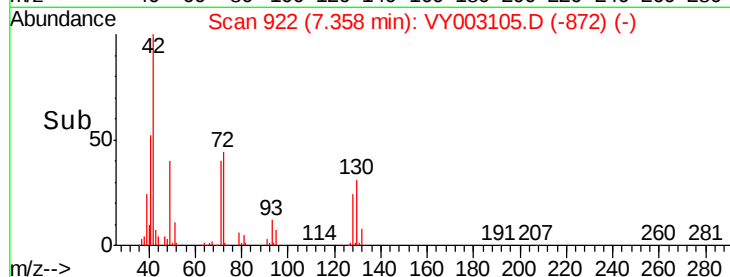
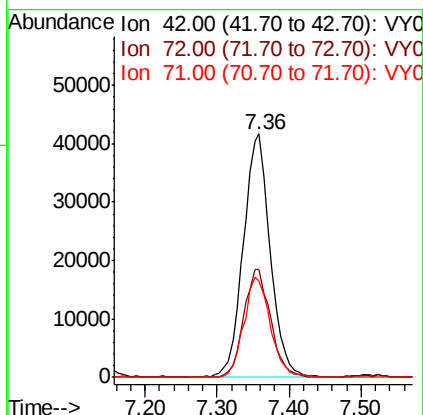
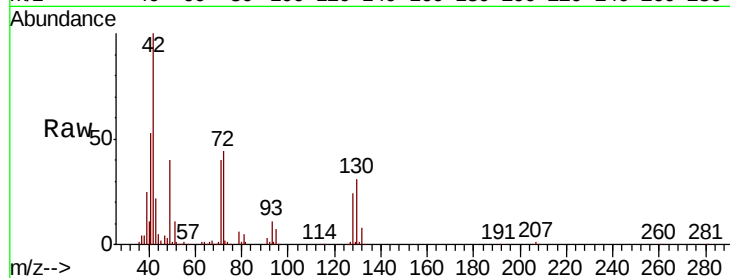




#29
Tetrahydrofuran
Concen: 101.081 ug/l
RT: 7.36 min Scan# 922
Delta R.T. 0.01 min
Lab File: VY003105.D
Acq: 06 Jul 2020 11:45

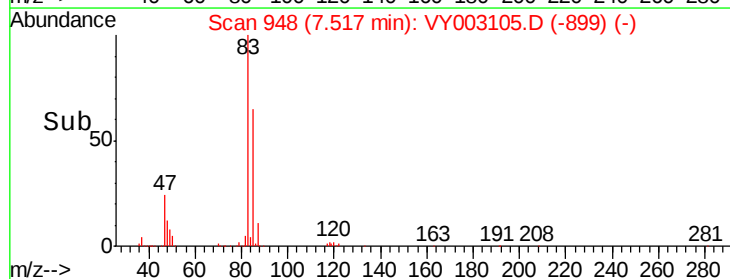
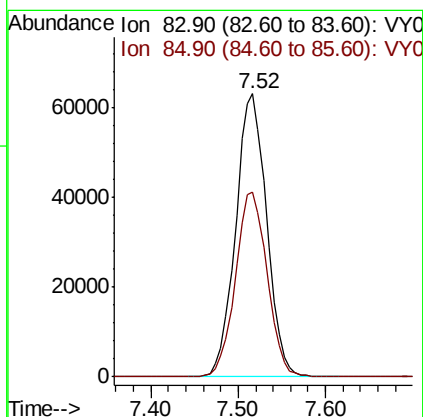
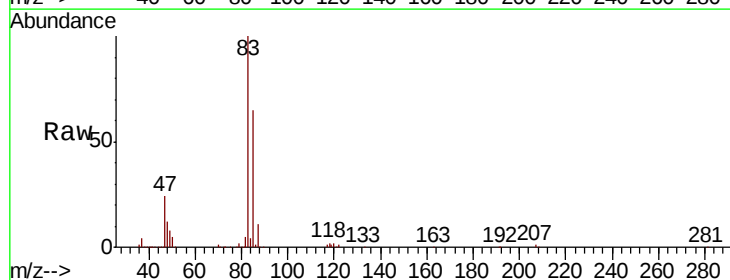
Instrument :
MSVOA_Y
ClientSampleId :
VY0706SBSD01

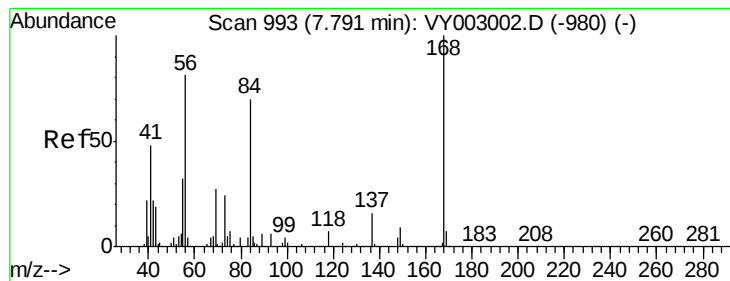
Tot Ion: 42 Resp: 107976
Ion Ratio Lower Upper
42 100
72 44.1 32.9 49.3
71 40.5 31.2 46.8



#30
Chloroform
Concen: 20.429 ug/l
RT: 7.52 min Scan# 948
Delta R.T. -0.00 min
Lab File: VY003105.D
Acq: 06 Jul 2020 11:45

Tgt Ion: 83 Resp: 154924
Ion Ratio Lower Upper
83 100
85 65.4 51.7 77.5





#31

Cyclohexane

Concen: 19.630 ug/l

RT: 7.79 min Scan# 993

Delta R.T. -0.00 min

Lab File: VY003105.D

Acq: 06 Jul 2020 11:45

Instrument :

MSVOA_Y

ClientSampleId :

VY0706SBSD01

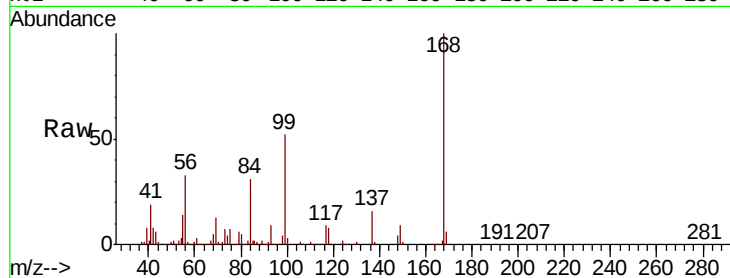
Tot Ion: 56 Resp: 148028

Ion Ratio Lower Upper

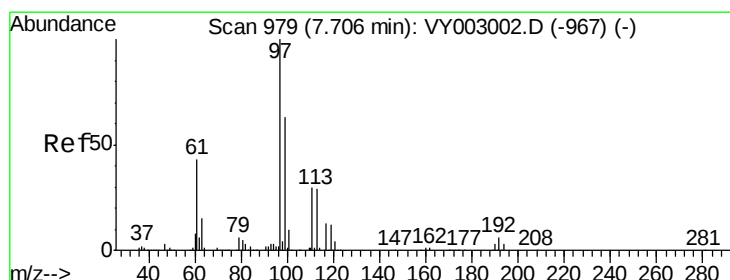
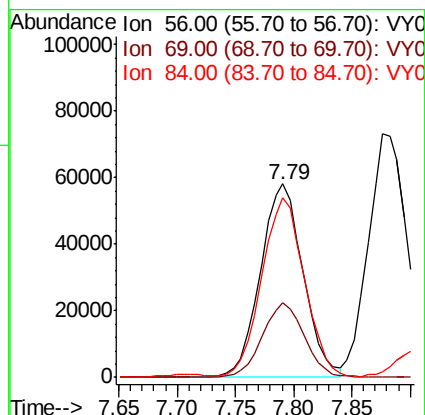
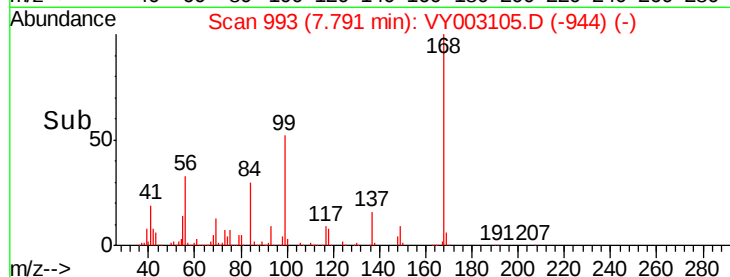
56 100

69 38.5 27.0 40.4

84 91.3 68.1 102.1



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: 20.852 ug/l

RT: 7.71 min Scan# 980

Delta R.T. 0.01 min

Lab File: VY003105.D

Acq: 06 Jul 2020 11:45

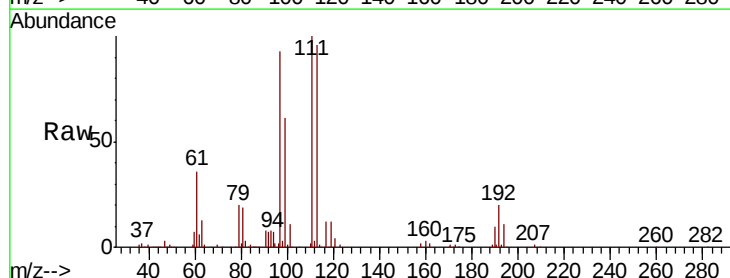
Tgt Ion: 97 Resp: 144337

Ion Ratio Lower Upper

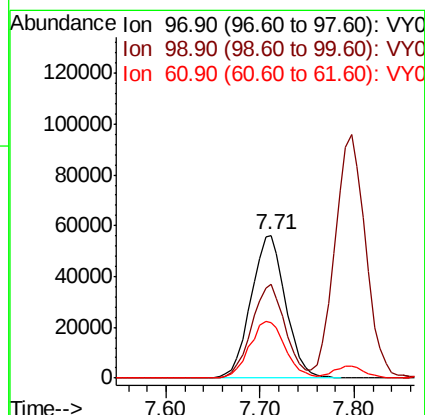
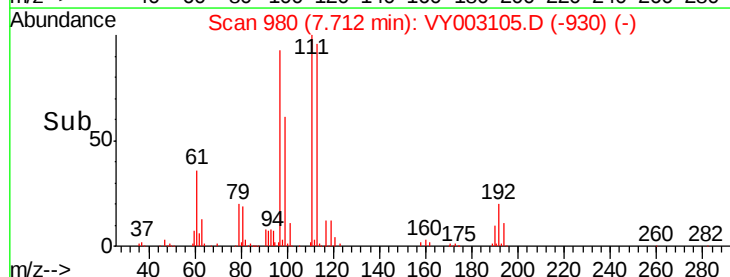
97 100

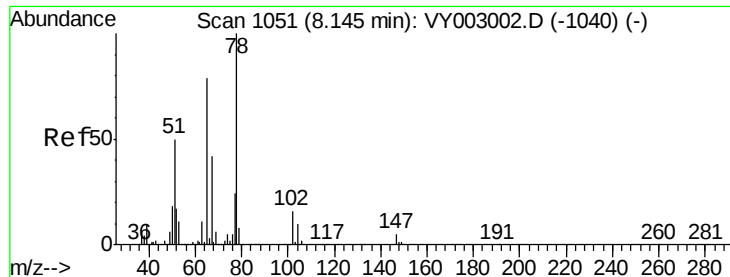
99 64.8 51.4 77.2

61 41.1 33.9 50.9



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

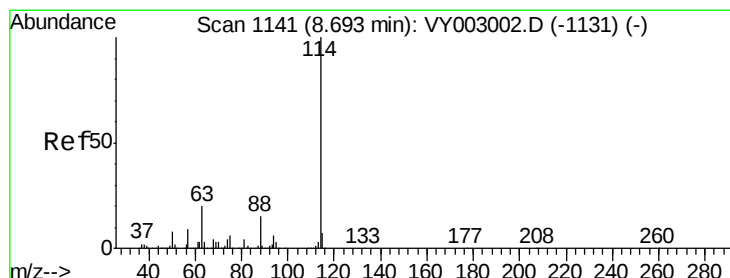
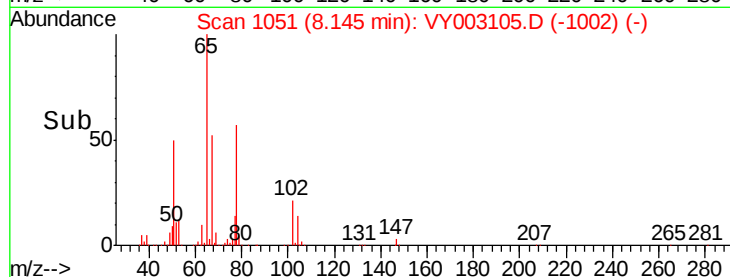
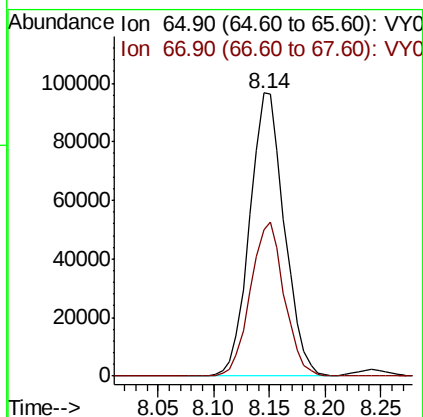
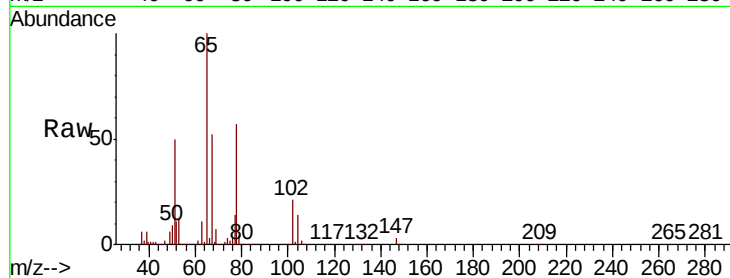




#33
 1,2-Dichloroethane-d4
 Concen: 48.920 ug/l
 RT: 8.14 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VY003105.D
 Acq: 06 Jul 2020 11:45

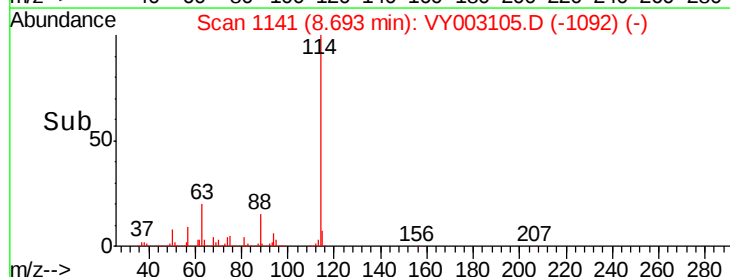
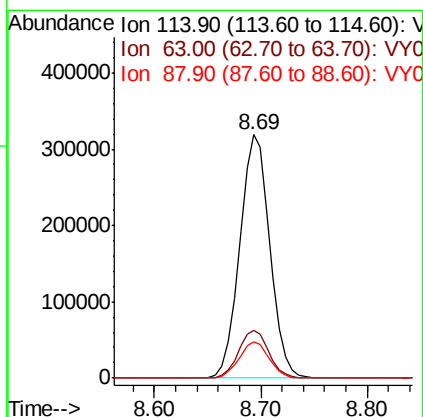
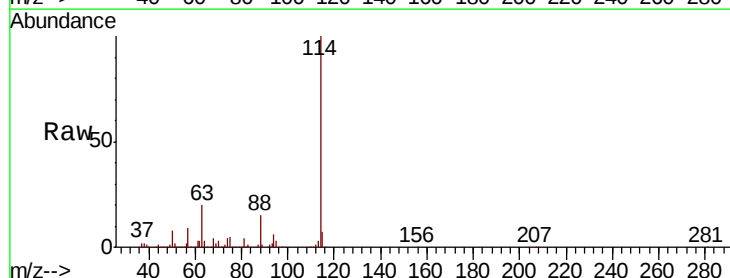
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0706SBSD01

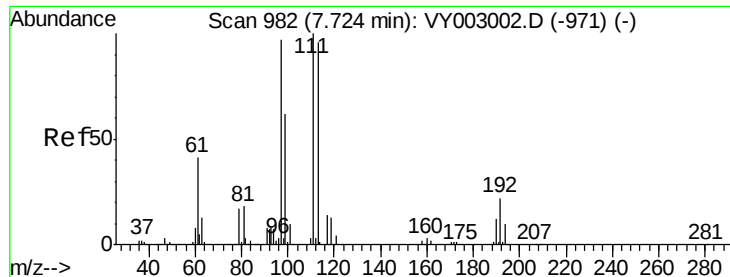
Tot Ion: 65 Resp: 209749
 Ion Ratio Lower Upper
 65 100
 67 53.2 0.0 105.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.00 min
 Lab File: VY003105.D
 Acq: 06 Jul 2020 11:45

Tgt Ion: 114 Resp: 632631
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 40.6
 88 15.0 0.0 30.0

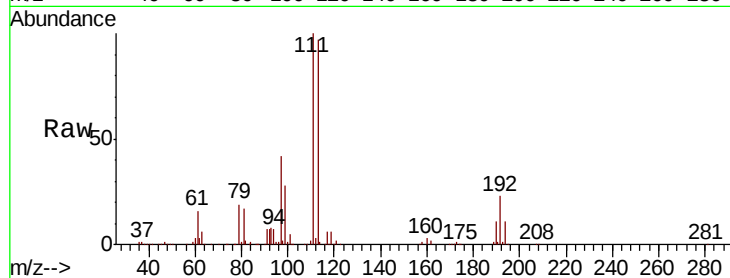




#35
 Dibromofluoromethane
 Concen: 51.580 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: VY003105.D
 Acq: 06 Jul 2020 11:45

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0706SBSD01

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.0	82.6	123.8
192	22.8	18.1	27.1

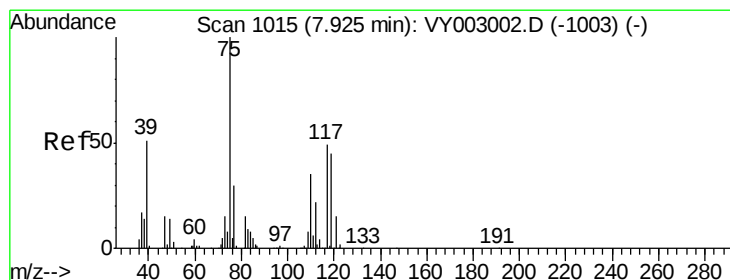
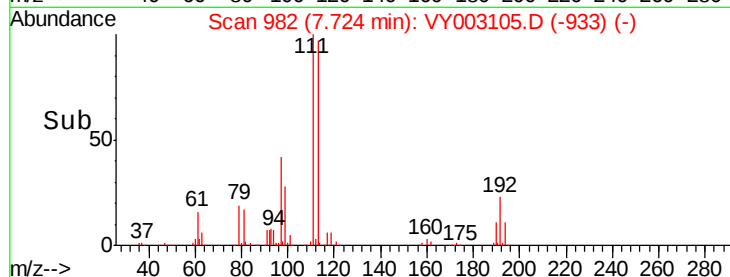
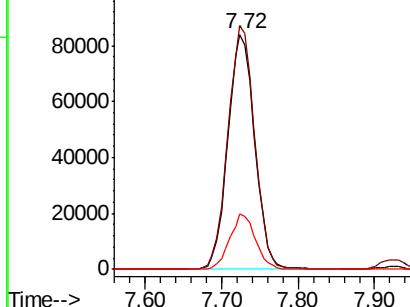


Abundance

Ion 112.80 (112.50 to 113.50): V

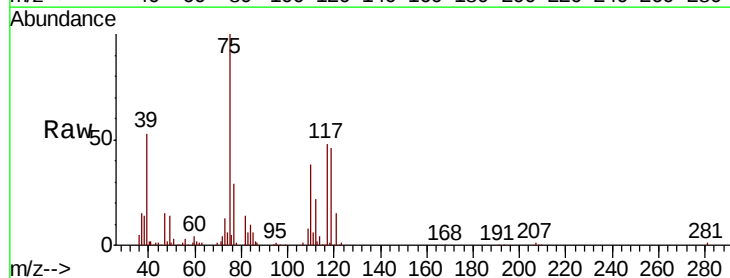
Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36
 1,1-Dichloropropene
 Concen: 20.267 ug/l
 RT: 7.93 min Scan# 1015
 Delta R.T. -0.00 min
 Lab File: VY003105.D
 Acq: 06 Jul 2020 11:45

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.2	17.1	51.2
77	31.6	24.9	37.3

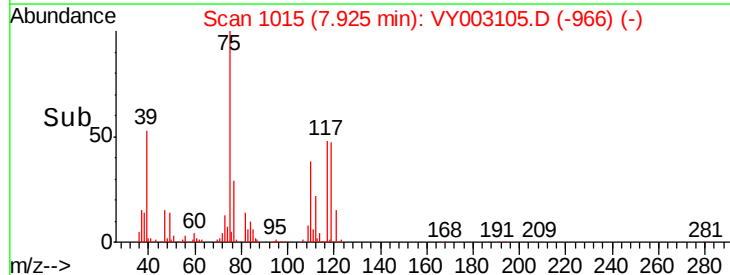
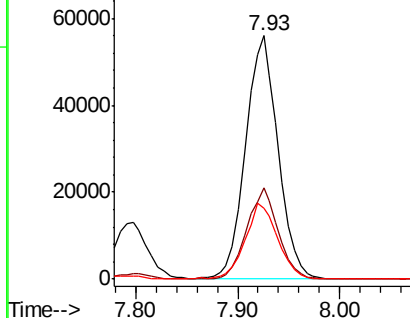


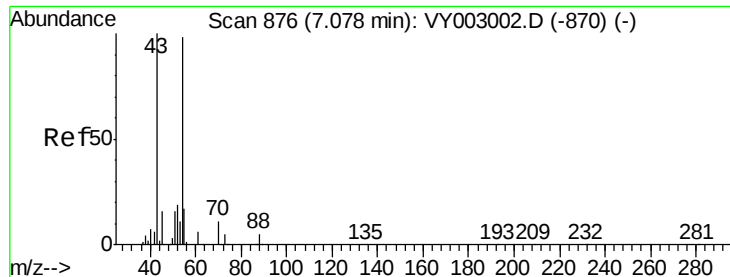
Abundance

Ion 74.90 (74.60 to 75.60): VY0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VY0

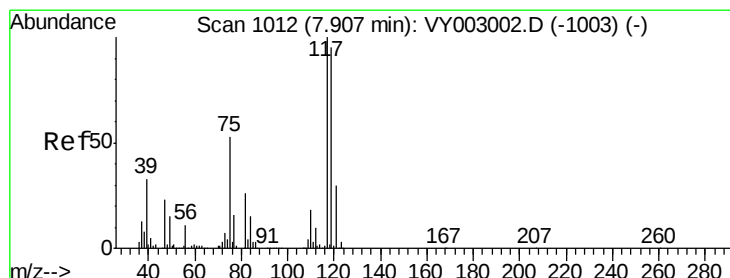
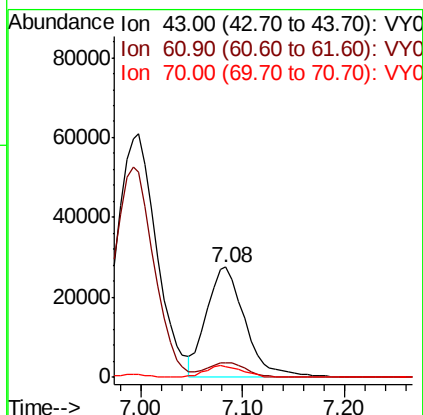
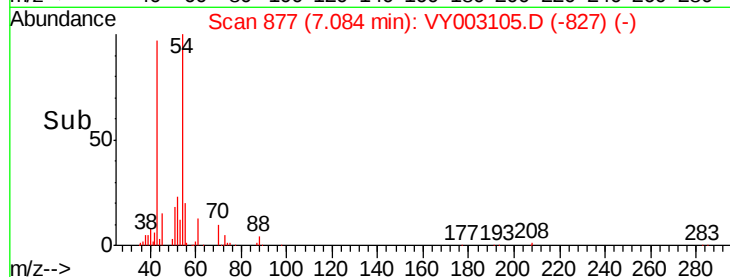
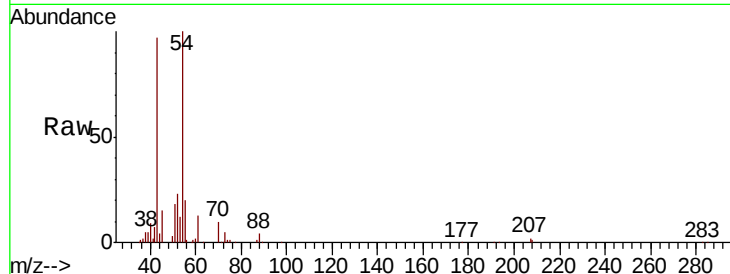




#37
Ethyl Acetate
Concen: 19.757 ug/l
RT: 7.08 min Scan# 877
Delta R.T. 0.01 min
Lab File: VY003105.D
Acq: 06 Jul 2020 11:45

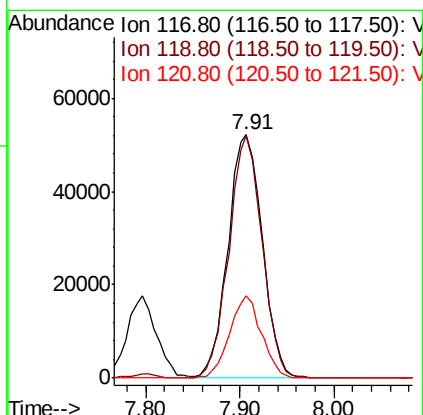
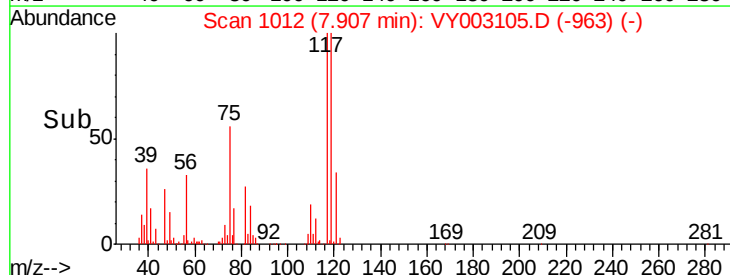
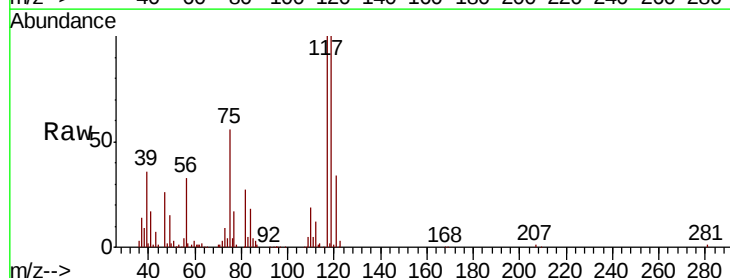
Instrument :
MSVOA_Y
ClientSampleId :
VY0706SBSD01

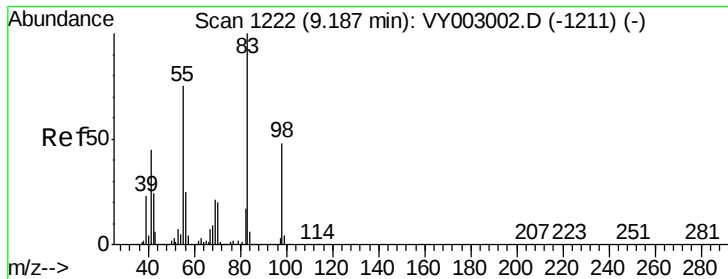
Tot Ion: 43 Resp: 72387
Ion Ratio Lower Upper
43 100
61 13.3 10.4 15.6
70 10.6 7.7 11.5



#38
Carbon Tetrachloride
Concen: 20.799 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. -0.00 min
Lab File: VY003105.D
Acq: 06 Jul 2020 11:45

Tgt Ion: 117 Resp: 131869
Ion Ratio Lower Upper
117 100
119 99.6 75.7 113.5
121 33.6 23.9 35.9

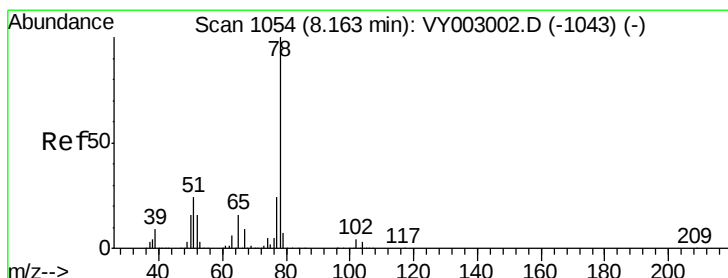
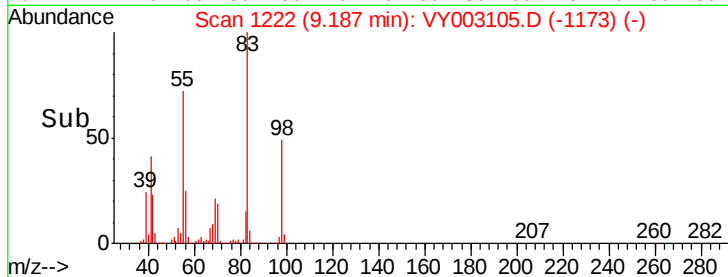
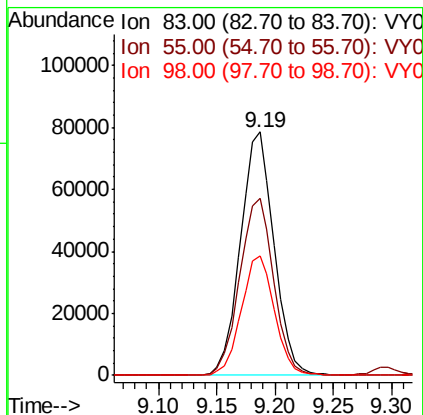
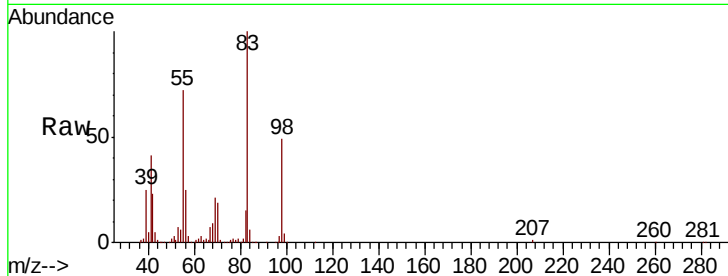




#39
Methvlcvclohexane
Concen: 20.914 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.00 min
Lab File: VY003105.D
Acq: 06 Jul 2020 11:45

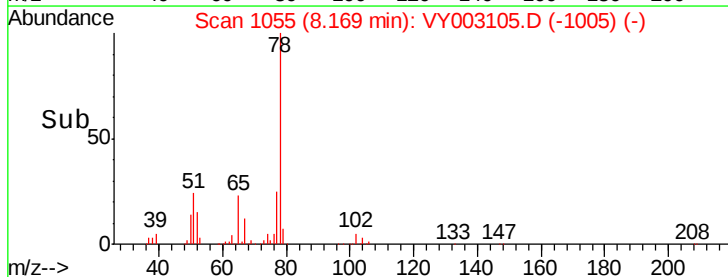
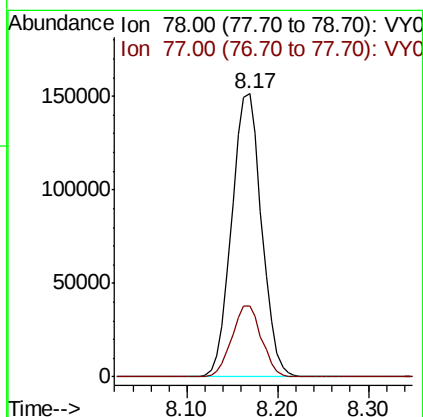
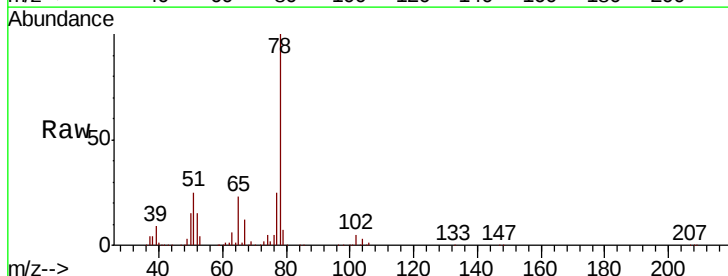
Instrument :
MSVOA_Y
ClientSampleId :
VY0706SBSD01

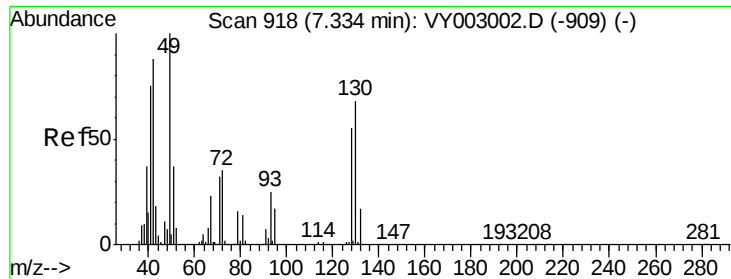
Tot Ion: 83 Resp: 158010
Ion Ratio Lower Upper
83 100
55 72.5 59.9 89.9
98 49.1 38.7 58.1



#40
Benzene
Concen: 20.771 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. 0.01 min
Lab File: VY003105.D
Acq: 06 Jul 2020 11:45

Tgt Ion: 78 Resp: 346529
Ion Ratio Lower Upper
78 100
77 24.9 19.2 28.8

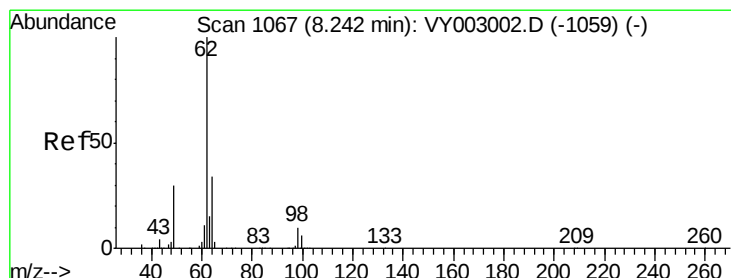
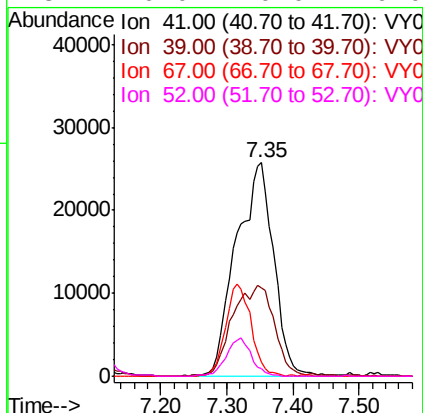
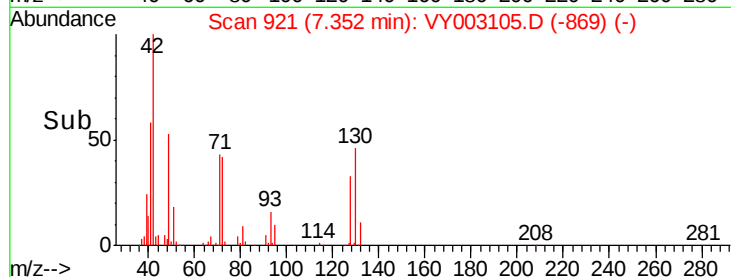
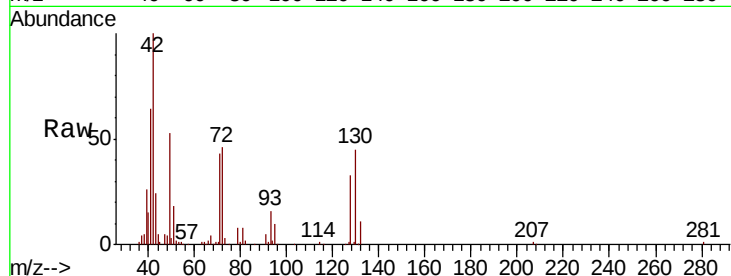




#41
Methacrylonitrile
Concen: 51.773 ug/l
RT: 7.35 min Scan# 921
Delta R.T. 0.02 min
Lab File: VY003105.D
Acq: 06 Jul 2020 11:45

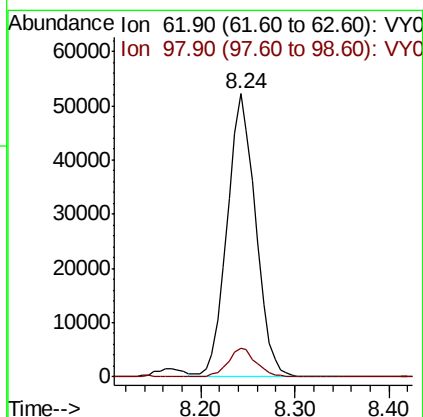
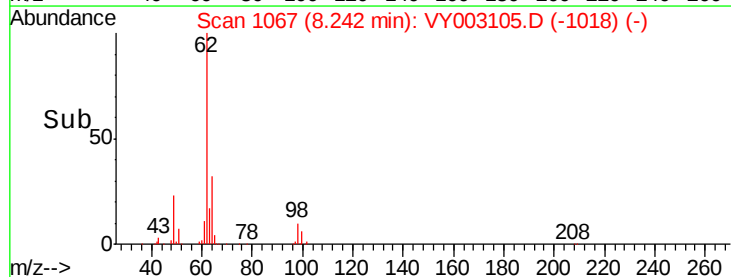
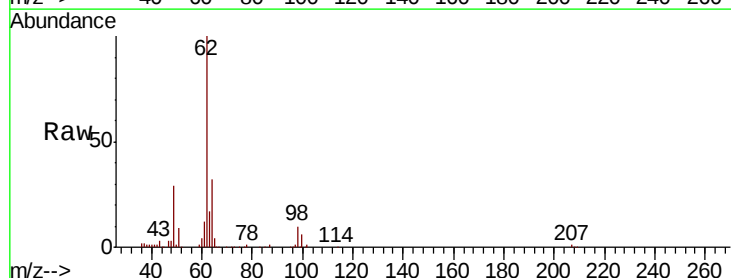
Instrument :
MSVOA_Y
ClientSampleId :
VY0706SBSD01

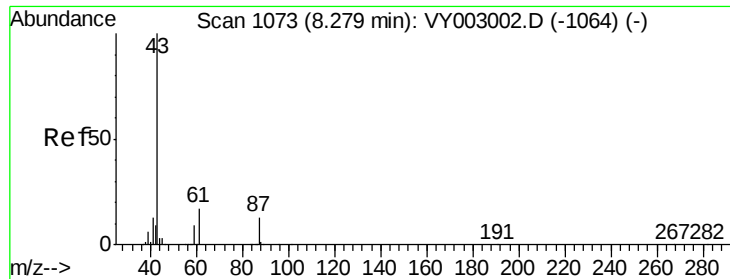
Tot Ion	Ratio	Lower	Upper
41	100		
39	47.4	85.7	128.5#
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#42
1,2-Dichloroethane
Concen: 20.791 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. -0.00 min
Lab File: VY003105.D
Acq: 06 Jul 2020 11:45

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.9	0.0	19.2



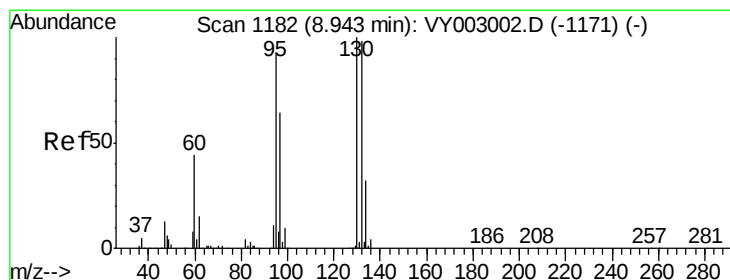
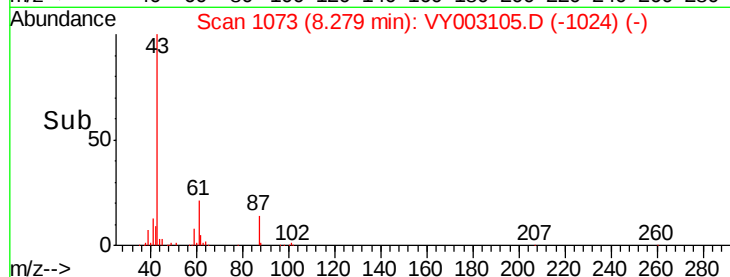
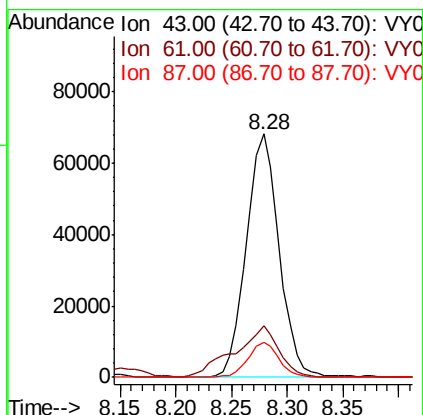
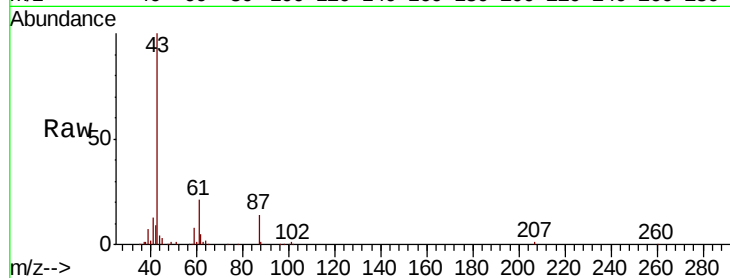


#43

Isopropyl Acetate
 Concen: 20.113 ug/l
 RT: 8.28 min Scan# 1073
 Delta R.T. -0.00 min
 Lab File: VY003105.D
 Acq: 06 Jul 2020 11:45

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0706SBSD01

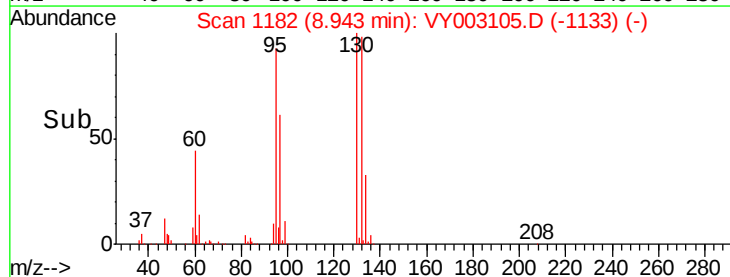
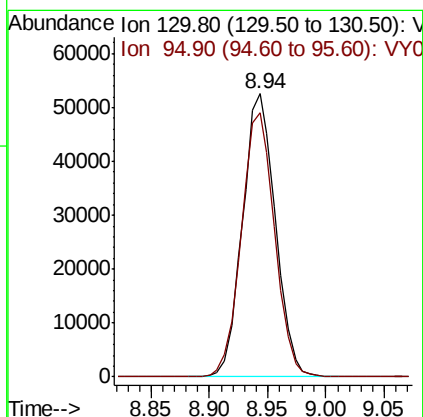
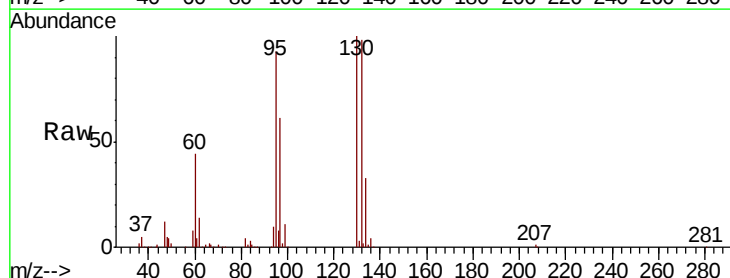
Tot Ion	43	Resp	140092
Ion Ratio	Lower	Upper	
43	100		
61	28.5	21.8	32.6
87	13.7	10.1	15.1

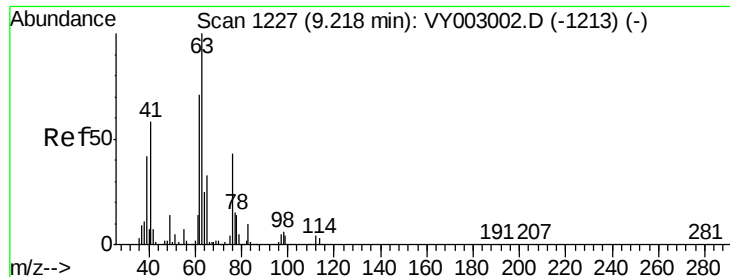


#44

Trichloroethene
 Concen: 21.352 ug/l
 RT: 8.94 min Scan# 1182
 Delta R.T. -0.00 min
 Lab File: VY003105.D
 Acq: 06 Jul 2020 11:45

Tgt Ion	130	Resp	103534
Ion Ratio	Lower	Upper	
130	100		
95	93.4	0.0	186.4

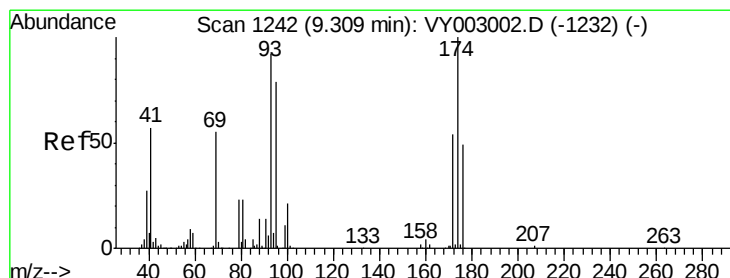
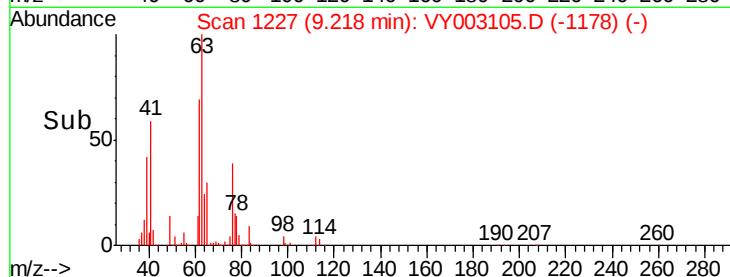
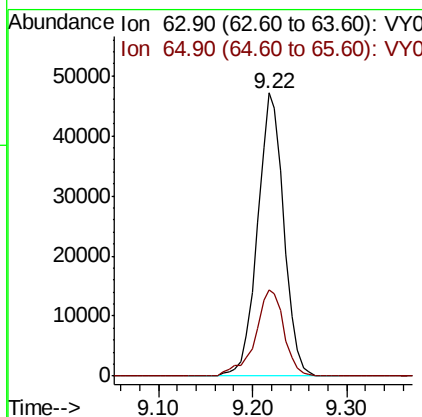
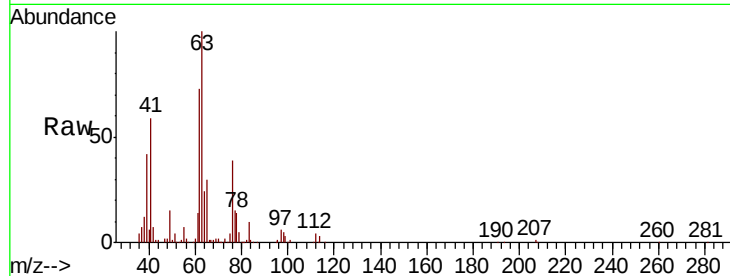




#45
 1,2-Dichloropropane
 Concen: 20.559 ug/l
 RT: 9.22 min Scan# 1227
 Delta R.T. -0.00 min
 Lab File: VY003105.D
 Acq: 06 Jul 2020 11:45

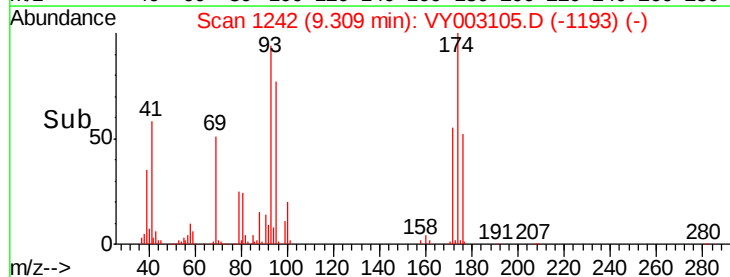
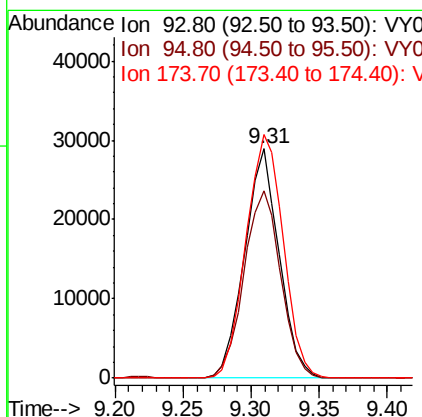
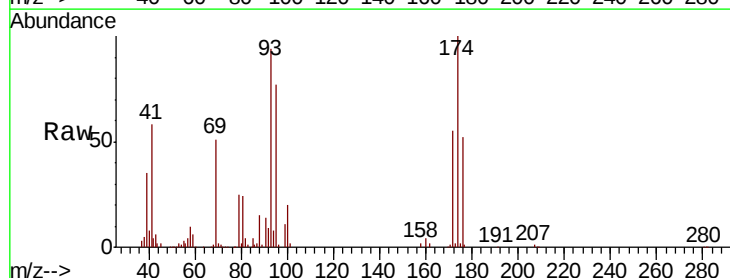
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0706SBSD01

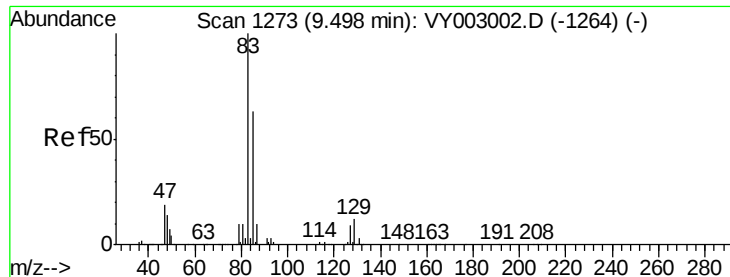
Tot Ion: 63 Resp: 92275
 Ion Ratio Lower Upper
 63 100
 65 30.4 26.2 39.4



#46
 Dibromomethane
 Concen: 20.535 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. -0.00 min
 Lab File: VY003105.D
 Acq: 06 Jul 2020 11:45

Tgt Ion: 93 Resp: 51477
 Ion Ratio Lower Upper
 93 100
 95 87.1 67.6 101.4
 174 114.7 88.3 132.5





#47

Bromodichloromethane

Concen: 20.759 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. -0.00 min

Lab File: VY003105.D

Acq: 06 Jul 2020 11:45

Instrument :

MSVOA_Y

ClientSampleId :

VY0706SBSD01

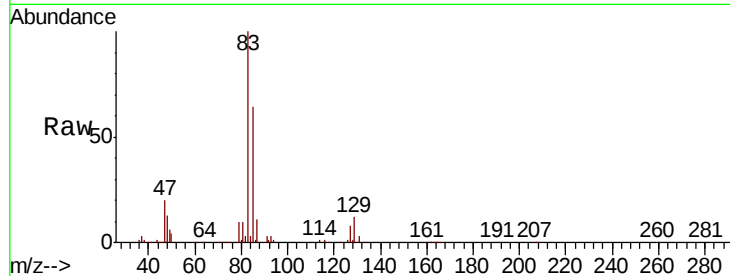
Tot Ion: 83 Resp: 127424

Ion Ratio Lower Upper

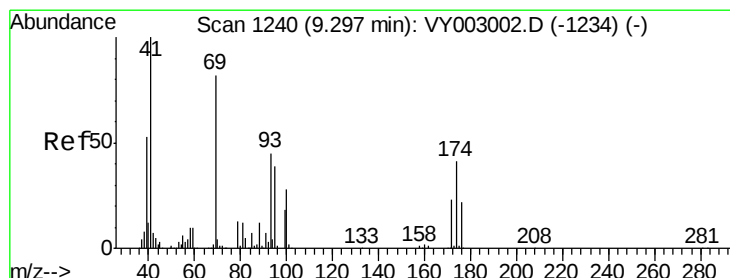
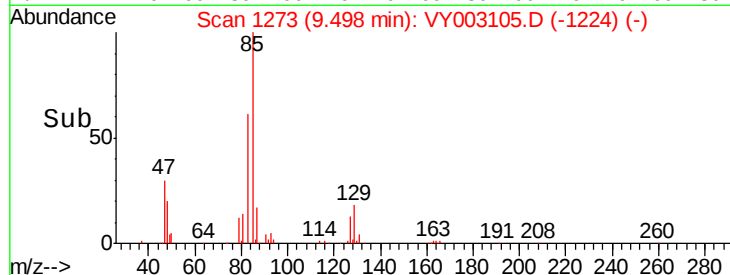
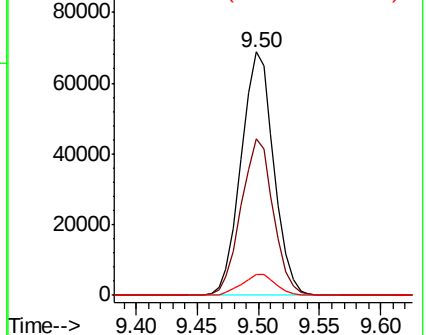
83 100

85 64.3 50.5 75.7

127 8.4 7.0 10.4



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



#48

Methyl methacrylate

Concen: 19.384 ug/l

RT: 9.30 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VY003105.D

Acq: 06 Jul 2020 11:45

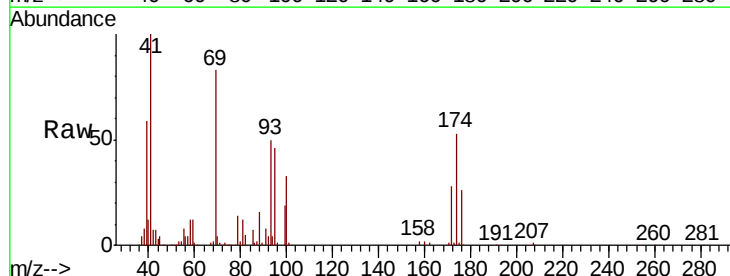
Tgt Ion: 41 Resp: 61455

Ion Ratio Lower Upper

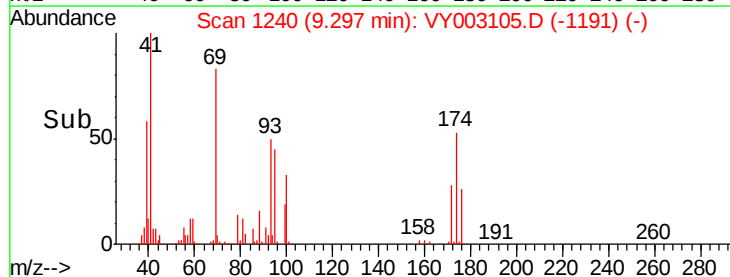
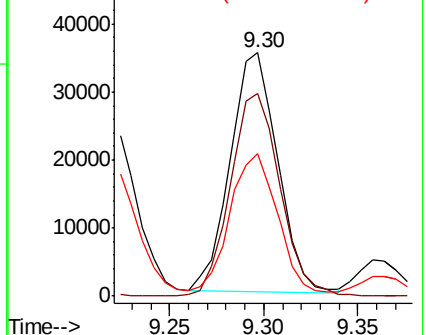
41 100

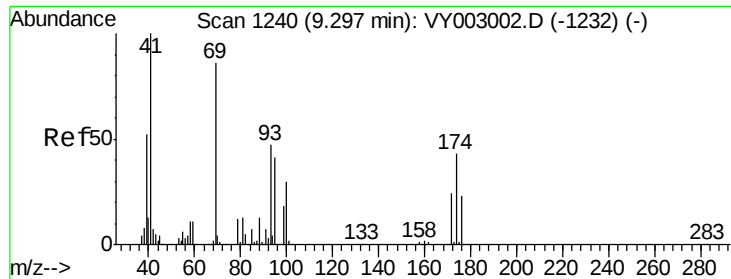
69 88.6 67.7 101.5

39 61.2 45.0 67.4



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

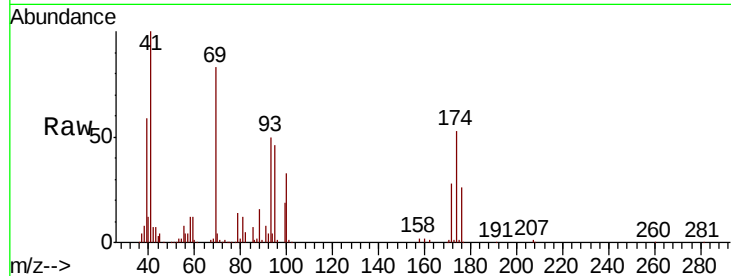




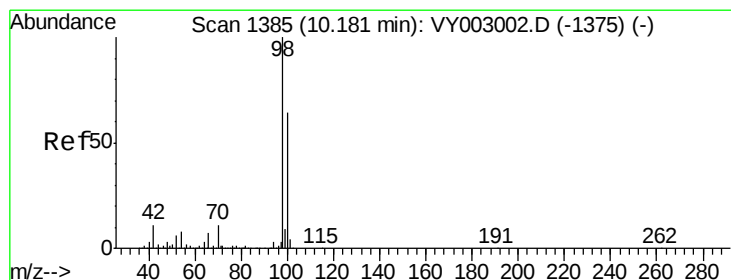
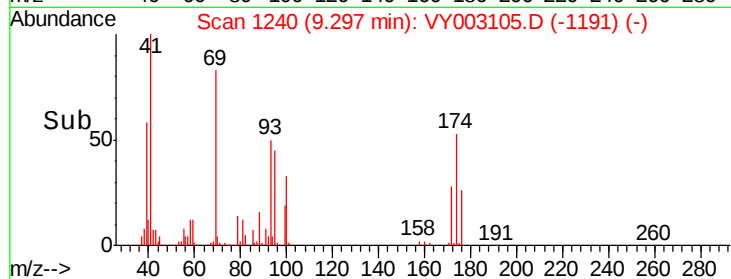
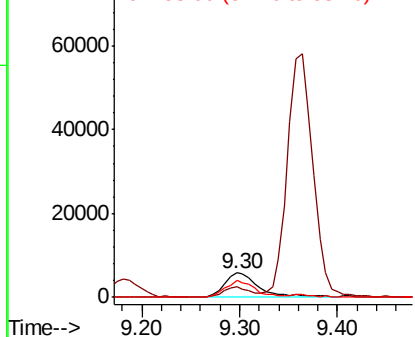
#49
1,4-Dioxane
Concen: 470.381 ug/l
RT: 9.30 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VY003105.D
Acq: 06 Jul 2020 11:45

Instrument :
MSVOA_Y
ClientSampleId :
VY0706SBSD01

Tot Ion: 88 Resp: 14394
Ion Ratio Lower Upper
88 100
43 28.7 28.6 42.8
58 59.2 56.7 85.1

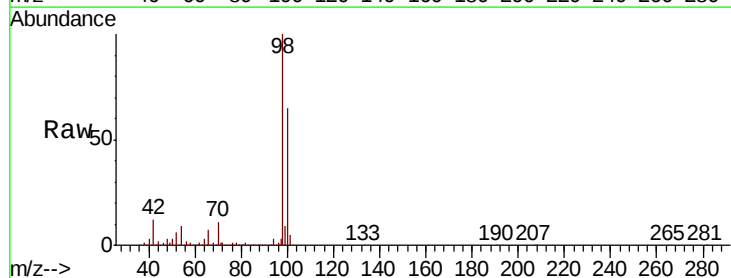


Abundance Ion 88.00 (87.70 to 88.70): VY0
Ion 43.00 (42.70 to 43.70): VY0
Ion 58.00 (57.70 to 58.70): VY0

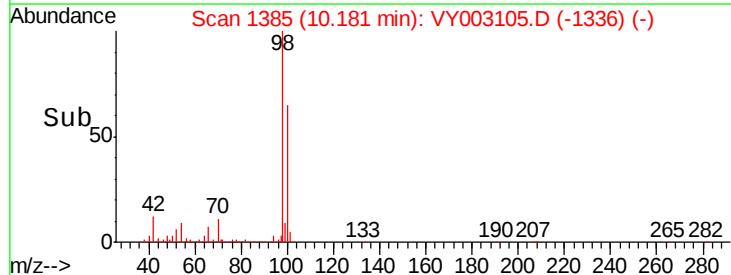
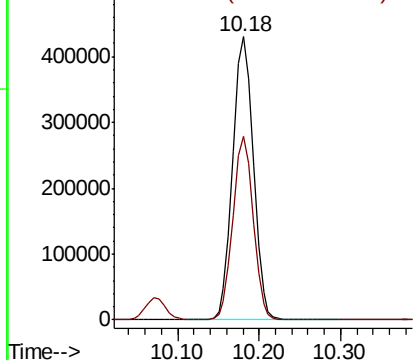


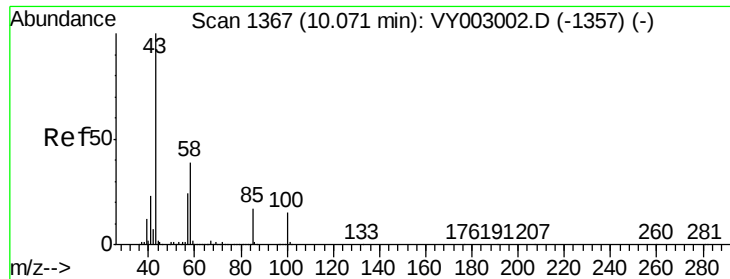
#50
Toluene-d8
Concen: 50.852 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VY003105.D
Acq: 06 Jul 2020 11:45

Tgt Ion: 98 Resp: 747636
Ion Ratio Lower Upper
98 100
100 63.7 51.1 76.7



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

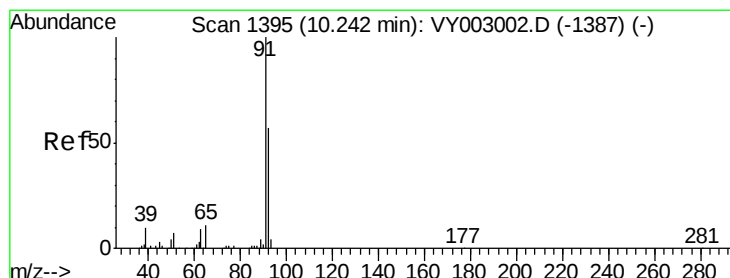
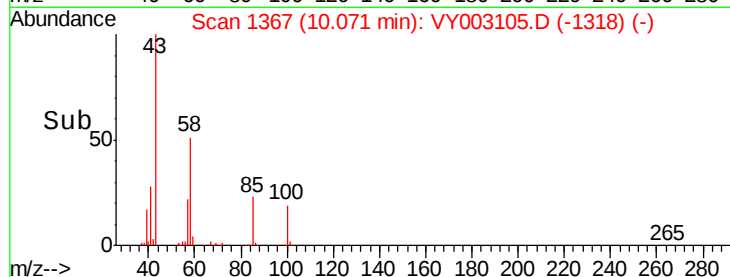
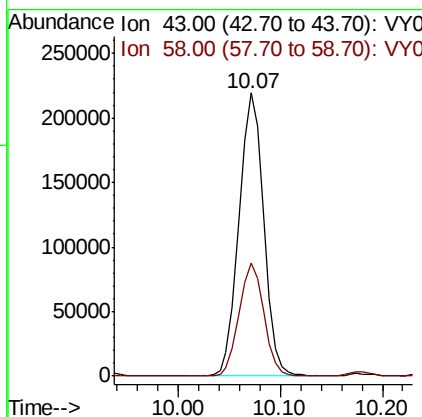
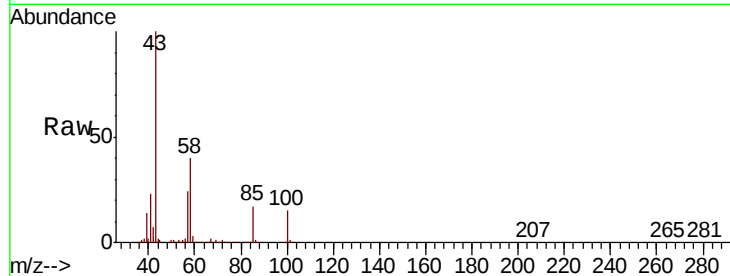




#51
 4-Methyl-2-Pentanone
 Concen: 102.030 ug/l
 RT: 10.07 min Scan# 1367
 Delta R.T. -0.00 min
 Lab File: VY003105.D
 Acq: 06 Jul 2020 11:45

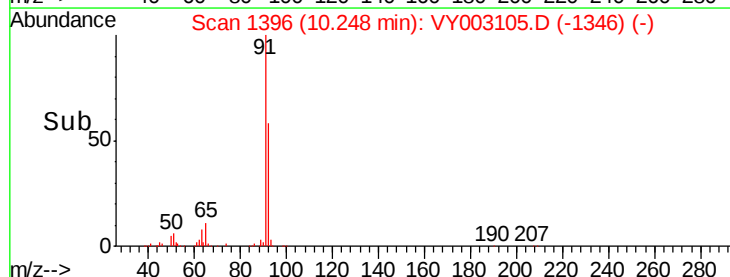
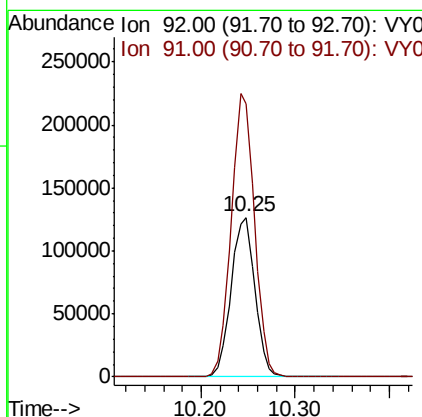
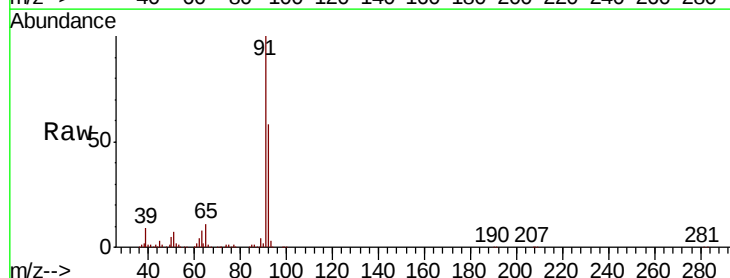
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0706SBSD01

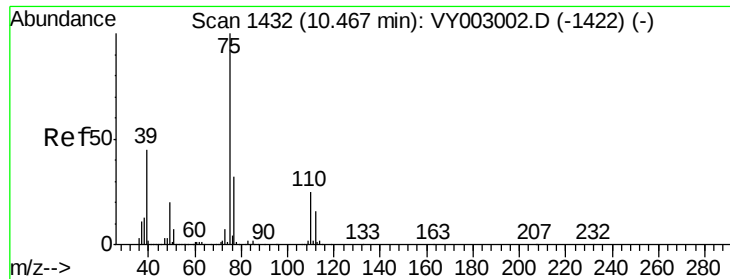
Tot Ion: 43 Resp: 367311
 Ion Ratio Lower Upper
 43 100
 58 40.1 31.1 46.7



#52
 Toluene
 Concen: 21.144 ug/l
 RT: 10.25 min Scan# 1396
 Delta R.T. 0.01 min
 Lab File: VY003105.D
 Acq: 06 Jul 2020 11:45

Tgt Ion: 92 Resp: 222060
 Ion Ratio Lower Upper
 92 100
 91 173.9 139.6 209.4





#53

t-1,3-Dichloropropene

Concen: 20.686 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VY003105.D

Acq: 06 Jul 2020 11:45

Instrument :

MSVOA_Y

ClientSampleId :

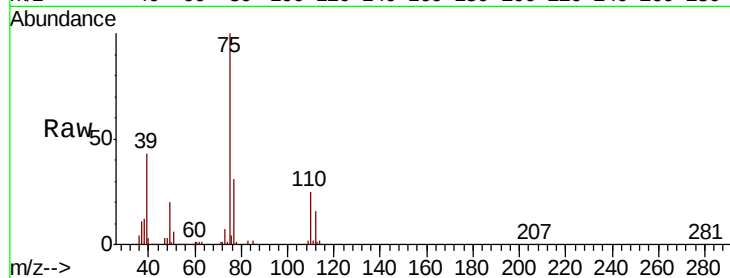
VY0706SBS01

Tot Ion: 75 Resp: 133124

Ion Ratio Lower Upper

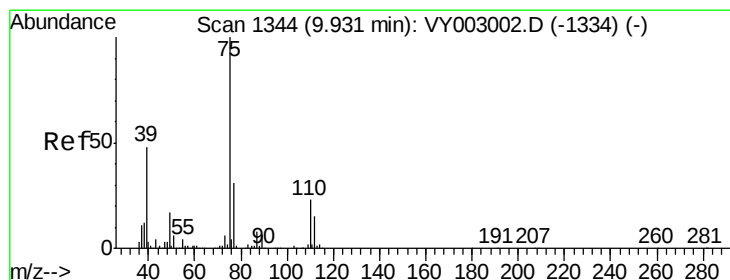
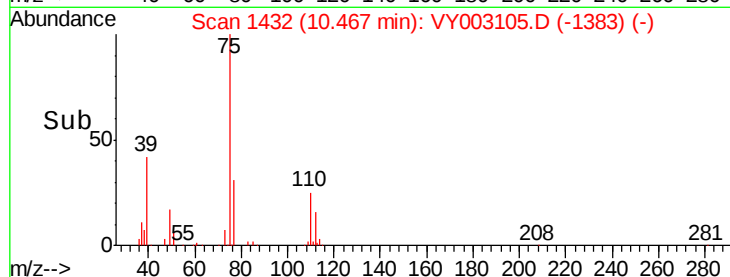
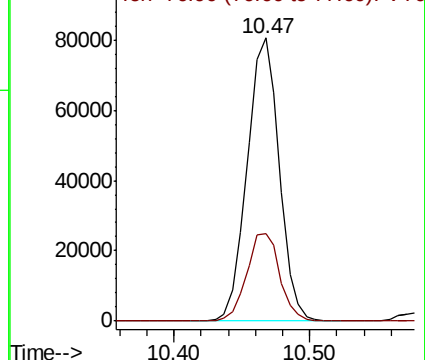
75 100

77 30.8 25.9 38.9



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0



#54

cis-1,3-Dichloropropene

Concen: 20.640 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. -0.00 min

Lab File: VY003105.D

Acq: 06 Jul 2020 11:45

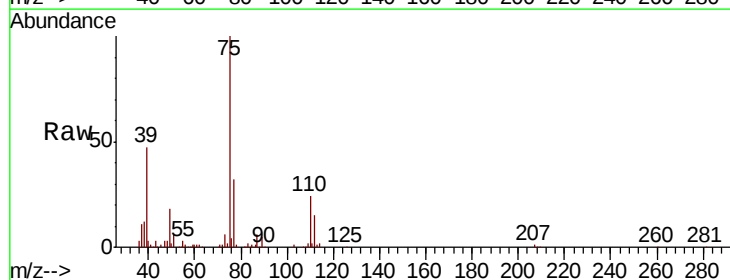
Tgt Ion: 75 Resp: 151911

Ion Ratio Lower Upper

75 100

77 31.7 24.6 37.0

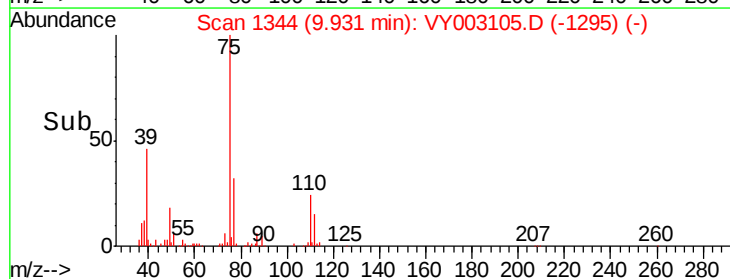
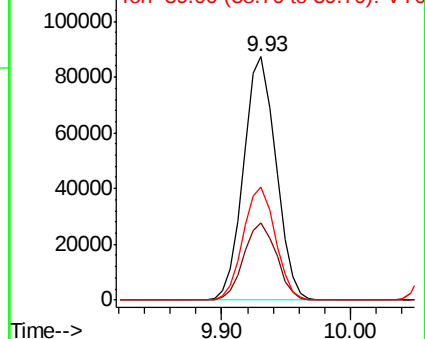
39 46.4 38.3 57.5

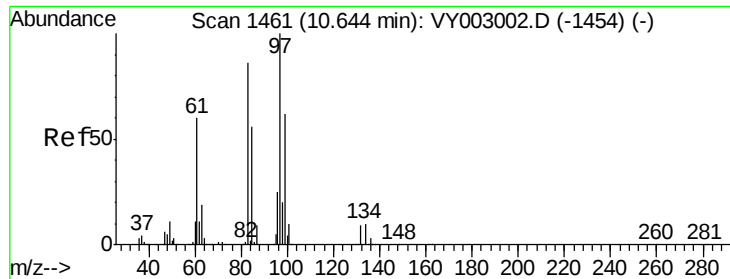


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0

Ion 39.00 (38.70 to 39.70): VY0

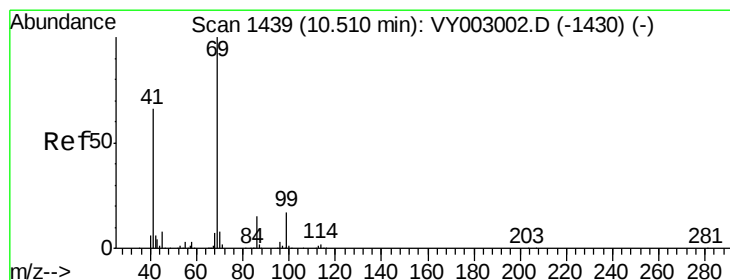
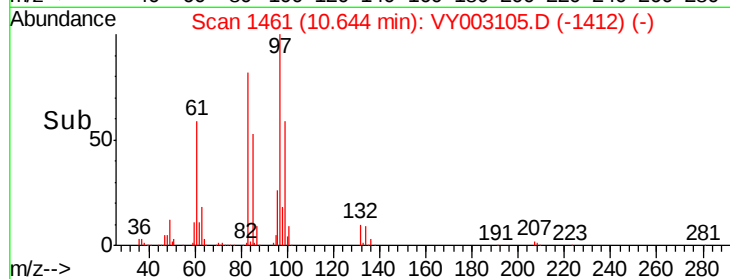
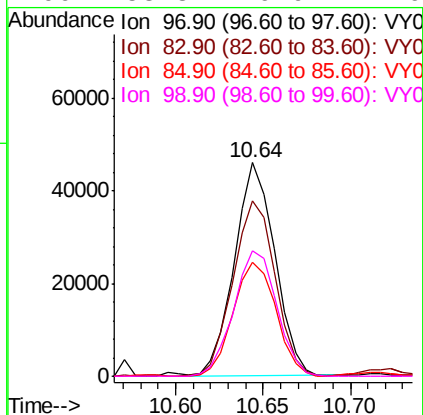
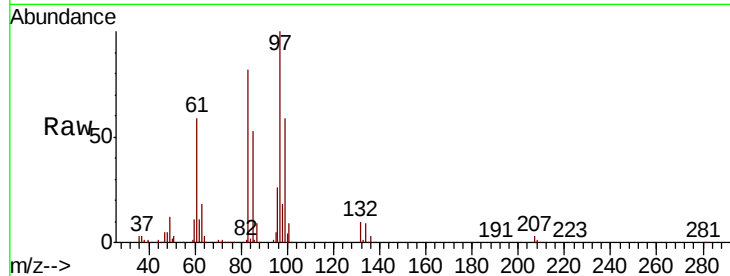




#55
 1,1,2-Trichloroethane
 Concen: 21.293 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. -0.00 min
 Lab File: VY003105.D
 Acq: 06 Jul 2020 11:45

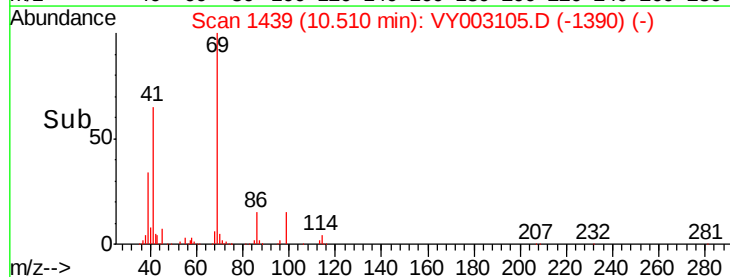
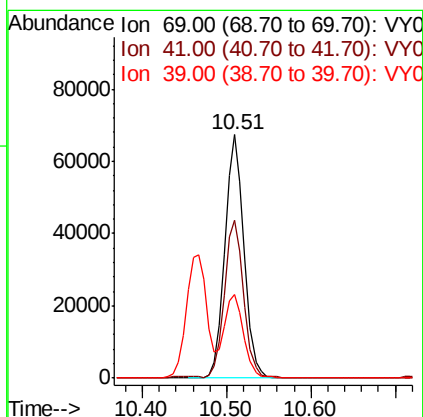
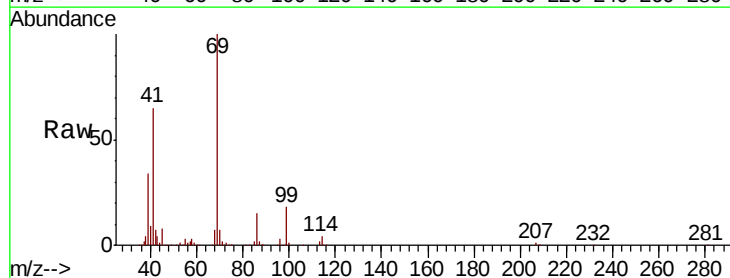
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0706SBSD01

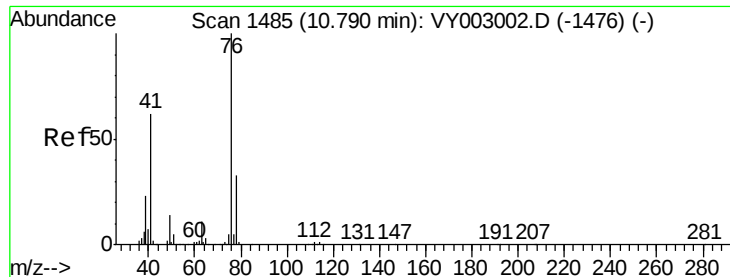
Tot Ion:	97	Resp:	74172
Ion	Ratio	Lower	Upper
97	100		
83	82.1	69.0	103.6
85	53.0	44.8	67.2
99	58.8	49.9	74.9



#56
 Ethyl methacrylate
 Concen: 20.862 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. -0.00 min
 Lab File: VY003105.D
 Acq: 06 Jul 2020 11:45

Tgt Ion:	69	Resp:	105195
Ion	Ratio	Lower	Upper
69	100		
41	64.4	53.7	80.5
39	35.3	28.3	42.5





#57

1,3-Dichloropropane

Concen: 20.983 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. -0.00 min

Lab File: VY003105.D

Acq: 06 Jul 2020 11:45

Instrument :

MSVOA_Y

ClientSampleId :

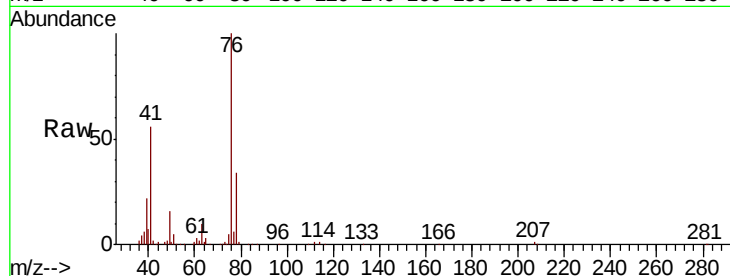
VY0706SBSD01

Tot Ion: 76 Resp: 128317

Ion Ratio Lower Upper

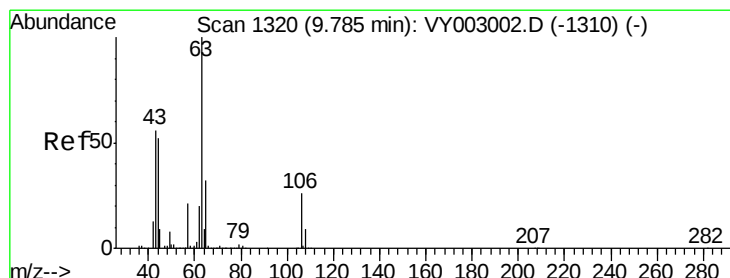
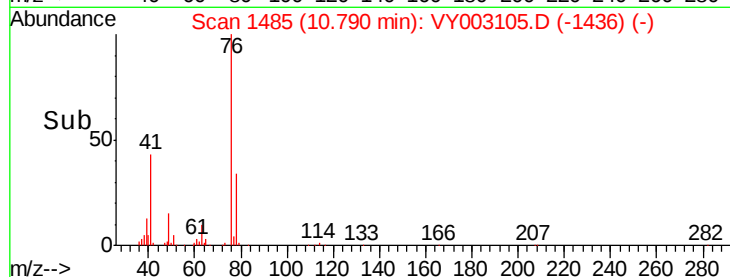
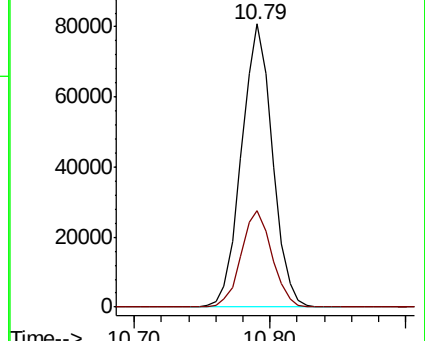
76 100

78 34.0 26.0 39.0



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#58

2-Chloroethyl Vinyl ether

Concen: 92.137 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. -0.00 min

Lab File: VY003105.D

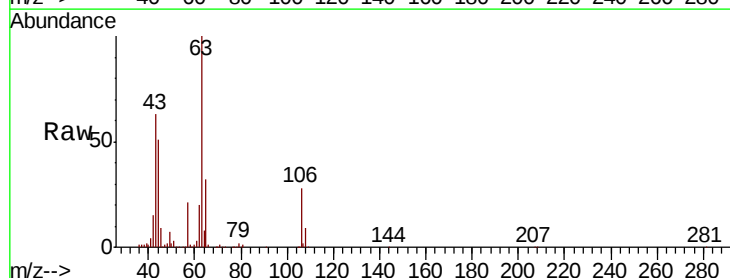
Acq: 06 Jul 2020 11:45

Tgt Ion: 63 Resp: 238279

Ion Ratio Lower Upper

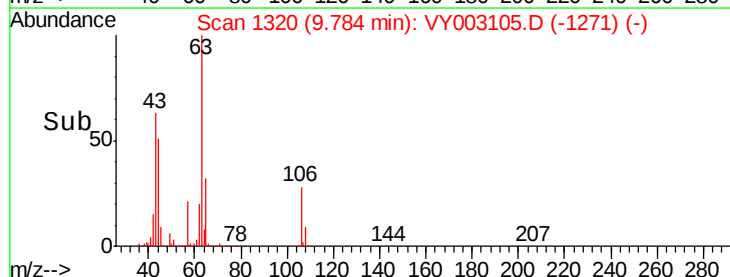
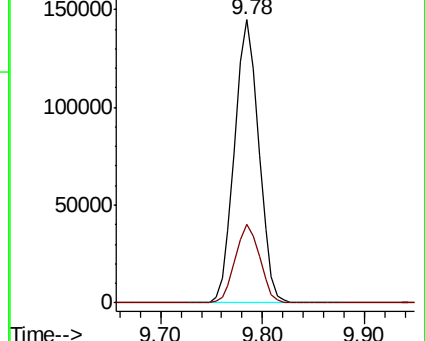
63 100

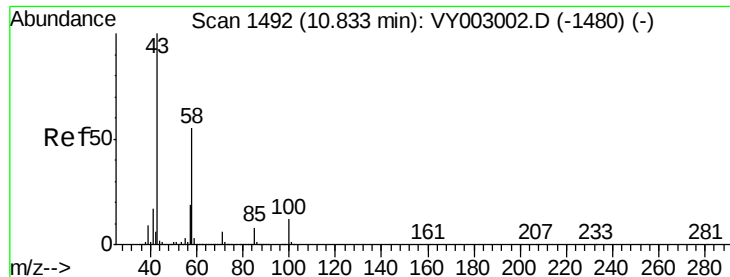
106 28.0 21.5 32.3



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V

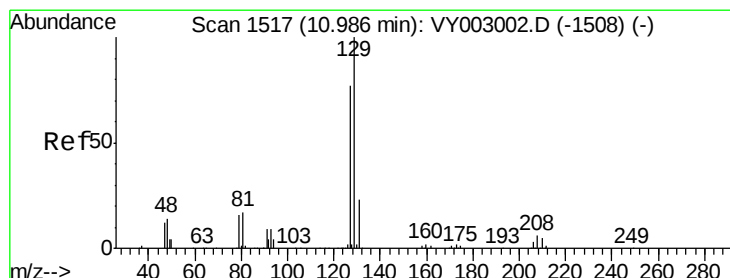
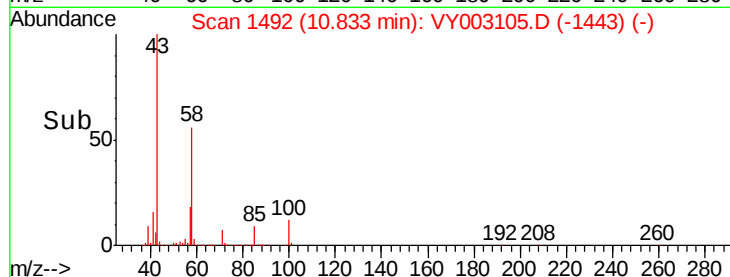
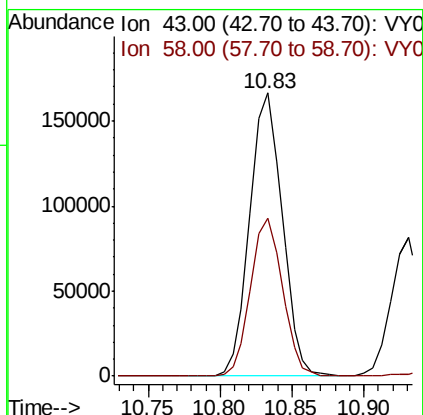
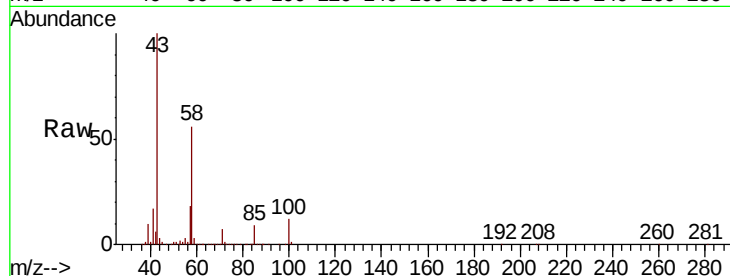




#59
2-Hexanone
Concen: 103.456 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VY003105.D
Acq: 06 Jul 2020 11:45

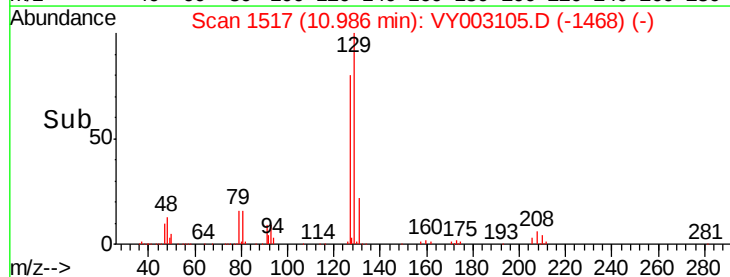
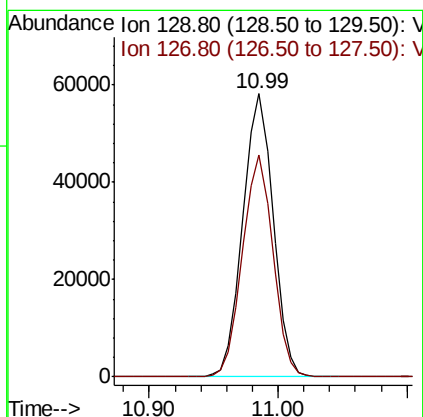
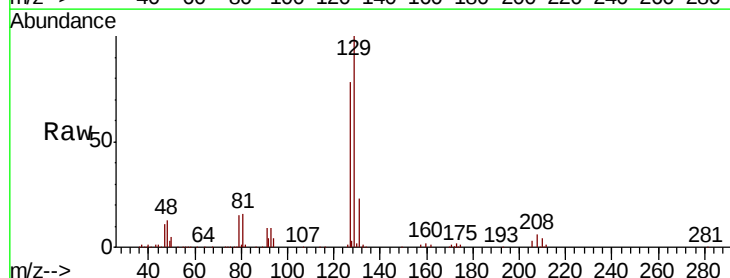
Instrument :
MSVOA_Y
ClientSampleId :
VY0706SBSD01

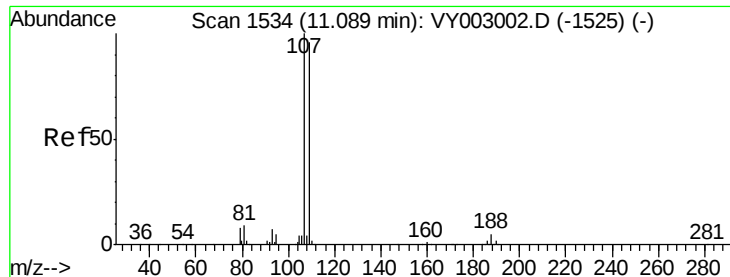
Tot Ion: 43 Resp: 260327
Ion Ratio Lower Upper
43 100
58 55.2 27.5 82.4



#60
Dibromochloromethane
Concen: 21.292 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VY003105.D
Acq: 06 Jul 2020 11:45

Tgt Ion: 129 Resp: 94917
Ion Ratio Lower Upper
129 100
127 78.4 39.1 117.3

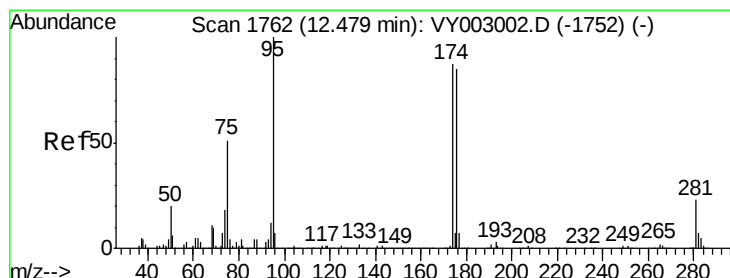
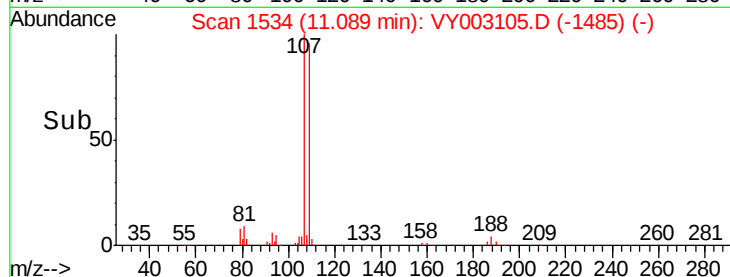
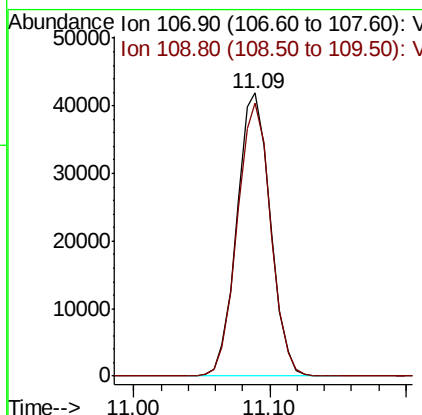
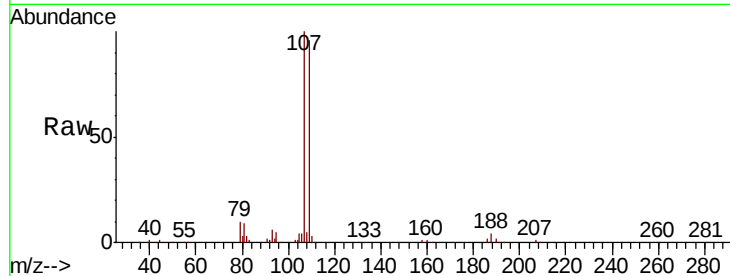




#61
 1,2-Dibromoethane
 Concen: 20.882 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. -0.00 min
 Lab File: VY003105.D
 Acq: 06 Jul 2020 11:45

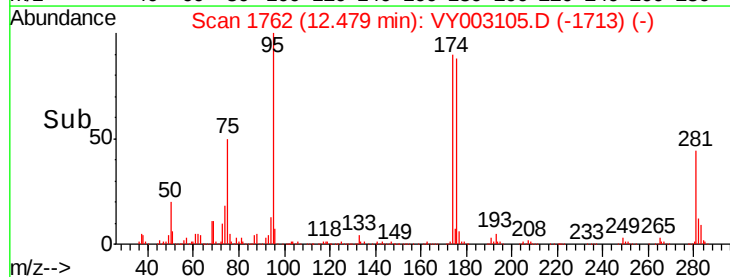
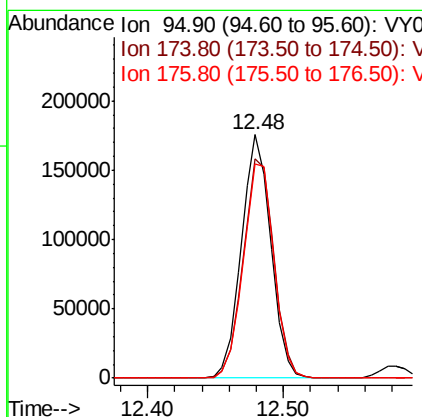
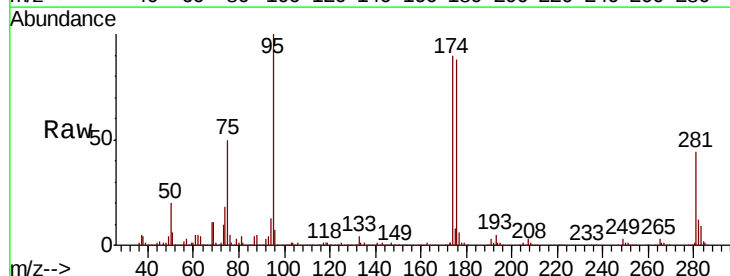
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0706SBSD01

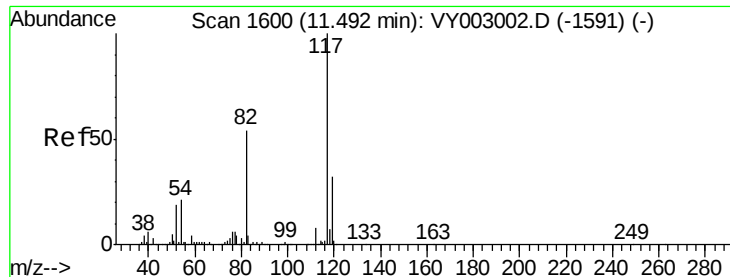
Tot Ion:107 Resp: 71714
 Ion Ratio Lower Upper
 107 100
 109 96.8 75.8 113.8



#62
 4-Bromofluorobenzene
 Concen: 51.283 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. -0.00 min
 Lab File: VY003105.D
 Acq: 06 Jul 2020 11:45

Tgt Ion: 95 Resp: 265403
 Ion Ratio Lower Upper
 95 100
 174 93.9 0.0 184.8
 176 92.1 0.0 183.0

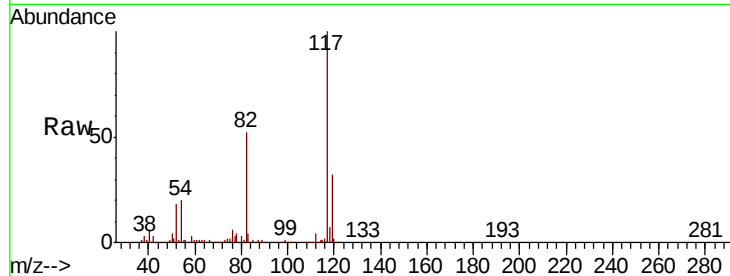




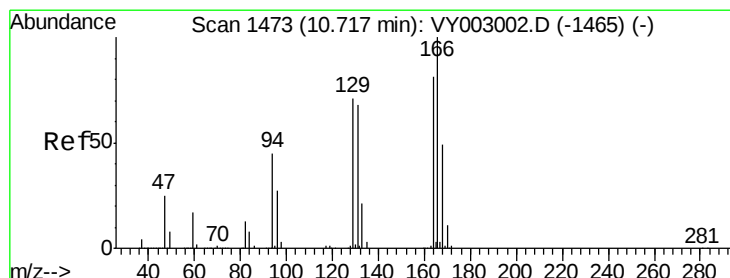
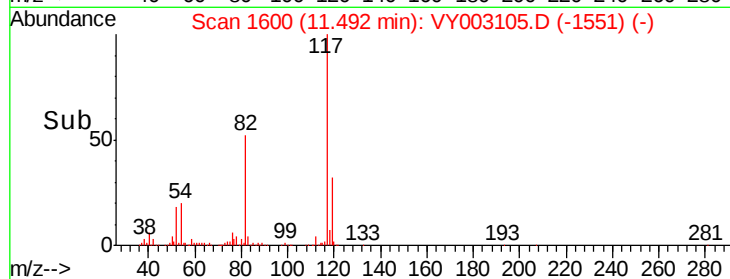
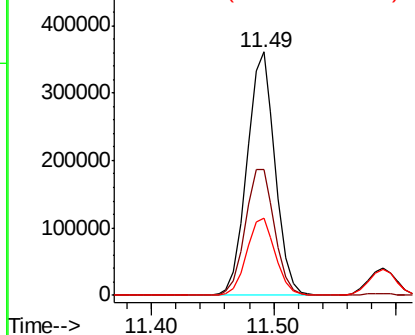
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY003105.D
Acq: 06 Jul 2020 11:45

Instrument :
MSVOA_Y
ClientSampleId :
VY0706SBSD01

Tot Ion:117 Resp: 573531
Ion Ratio Lower Upper
117 100
82 51.7 43.0 64.6
119 31.6 25.8 38.8

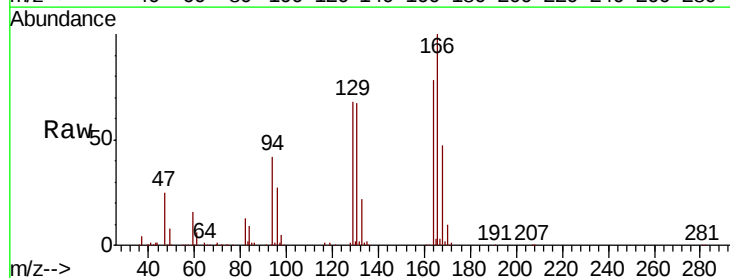


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

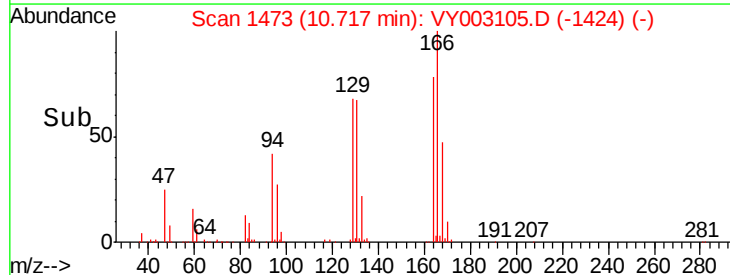
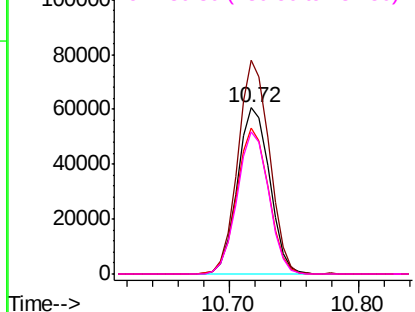


#64
Tetrachloroethene
Concen: 21.549 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VY003105.D
Acq: 06 Jul 2020 11:45

Tgt Ion:164 Resp: 104599
Ion Ratio Lower Upper
164 100
166 128.8 98.5 147.7
129 87.8 69.7 104.5
131 85.8 67.2 100.8



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

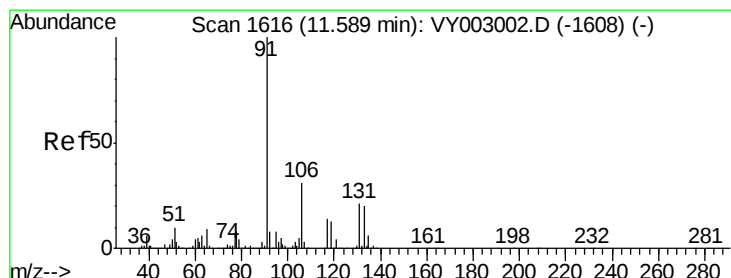
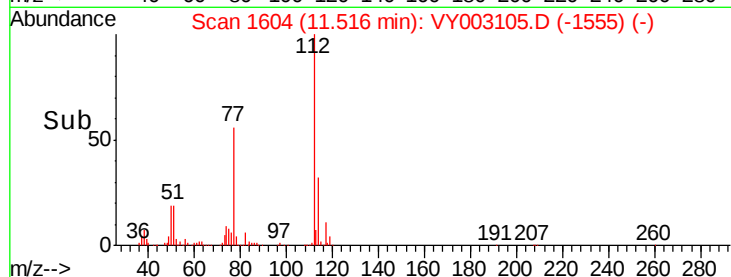
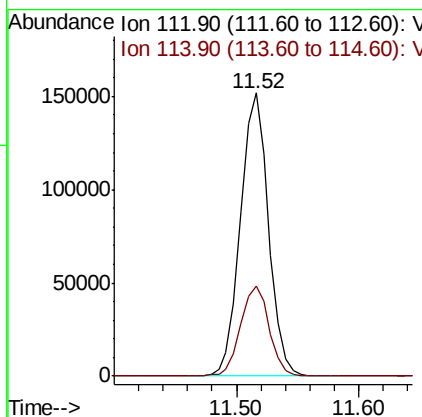
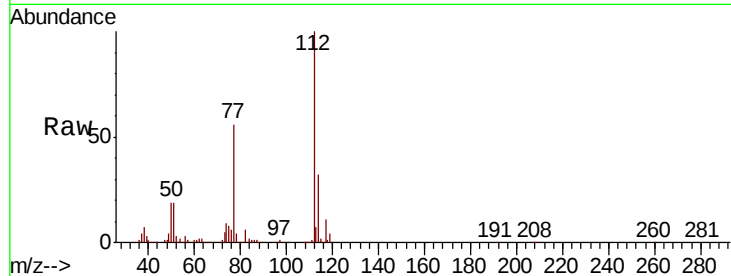




#65
Chlorobenzene
Concen: 21.263 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VY003105.D
Acq: 06 Jul 2020 11:45

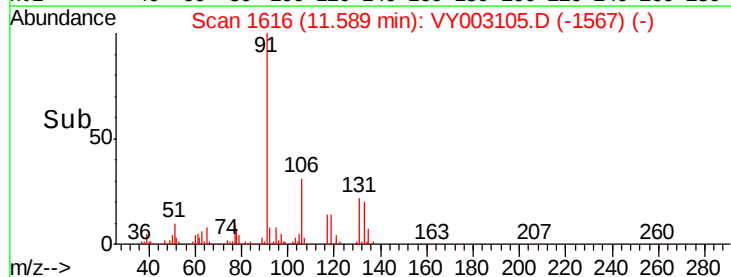
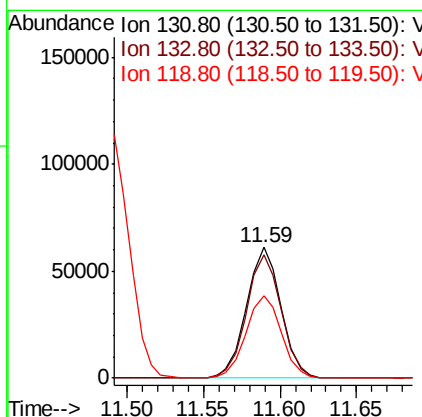
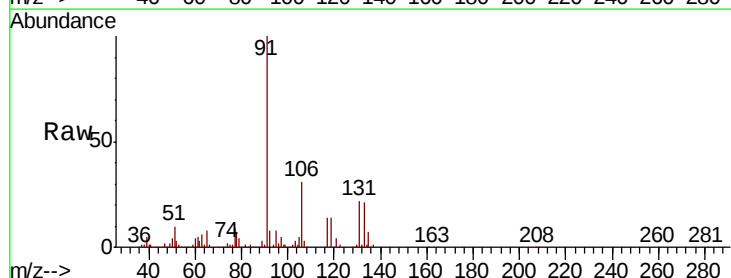
Instrument :
MSVOA_Y
ClientSampleId :
VY0706SBSD01

Tot Ion:112 Resp: 240465
Ion Ratio Lower Upper
112 100
114 31.8 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 21.644 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.00 min
Lab File: VY003105.D
Acq: 06 Jul 2020 11:45

Tgt Ion:131 Resp: 95566
Ion Ratio Lower Upper
131 100
133 95.3 47.9 143.8
119 64.7 31.8 95.3

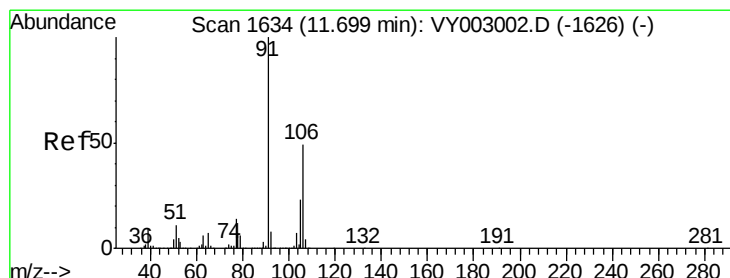
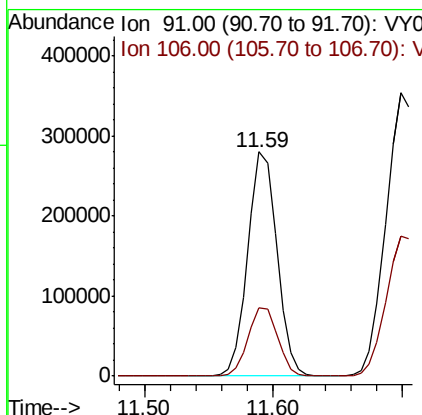
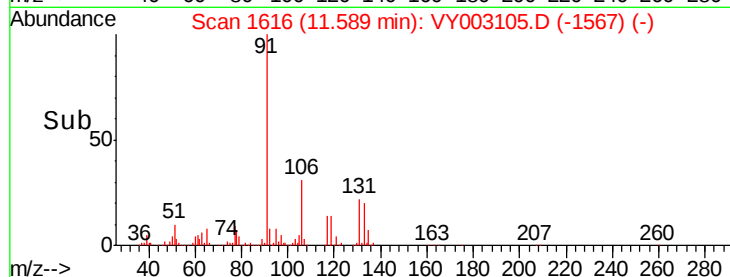
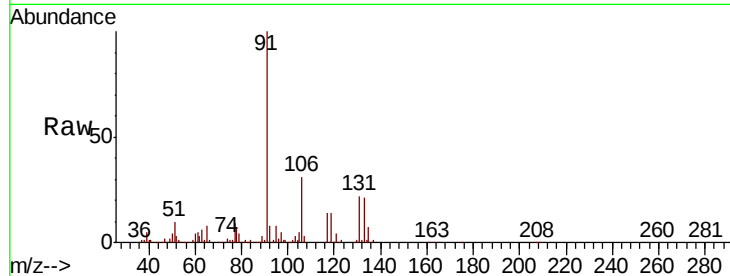




#67
Ethyl Benzene
Concen: 21.162 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.00 min
Lab File: VY003105.D
Acq: 06 Jul 2020 11:45

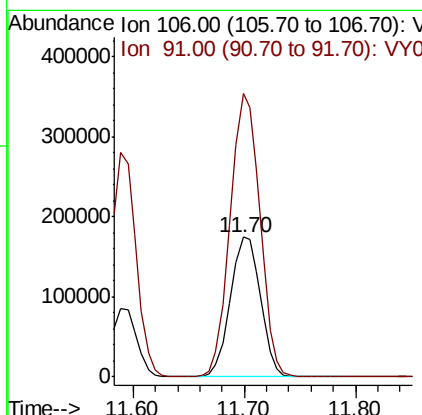
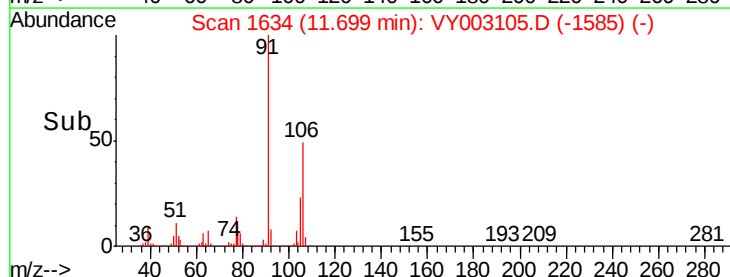
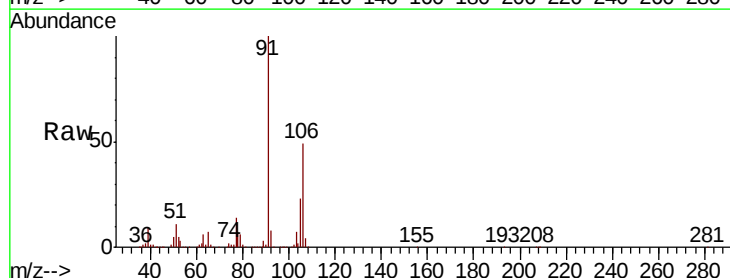
Instrument :
MSVOA_Y
ClientSampleId :
VY0706SBS01

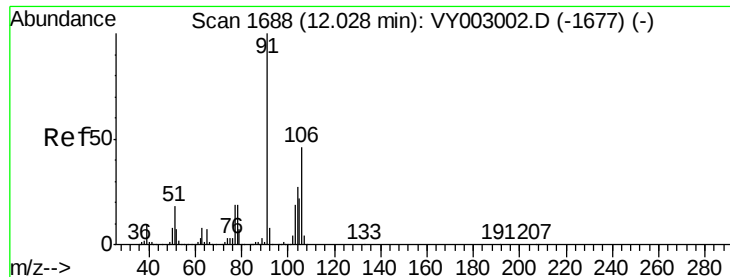
Tot Ion: 91 Resp: 437813
Ion Ratio Lower Upper
91 100
106 30.6 25.0 37.4



#68
m/p-Xylenes
Concen: 42.548 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. -0.00 min
Lab File: VY003105.D
Acq: 06 Jul 2020 11:45

Tgt Ion: 106 Resp: 327624
Ion Ratio Lower Upper
106 100
91 200.1 161.9 242.9

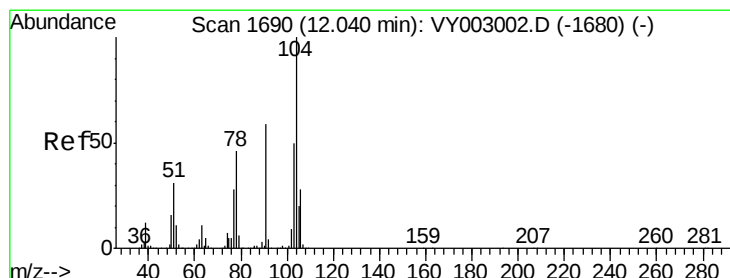
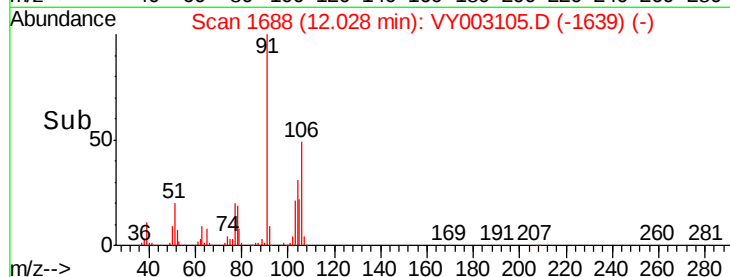
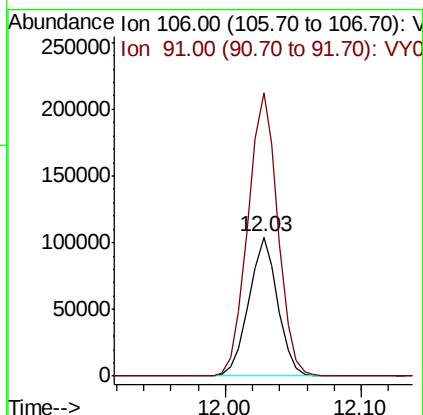
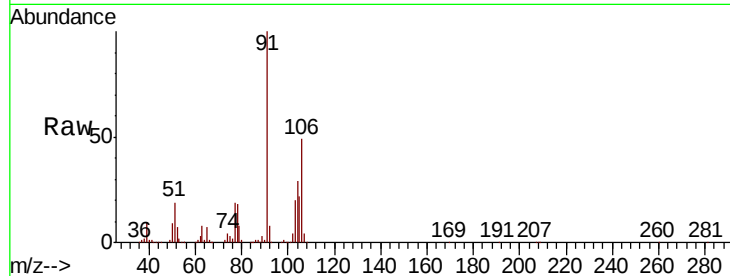




#69
o-Xylene
Concen: 21.338 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VY003105.D
Acq: 06 Jul 2020 11:45

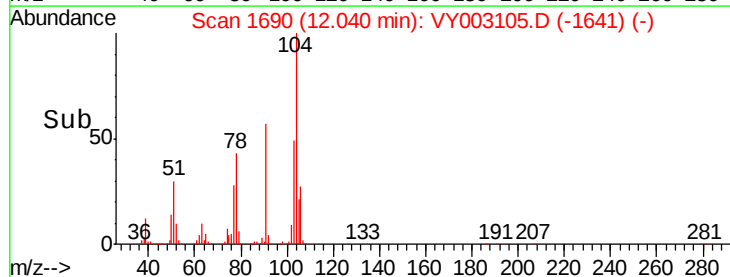
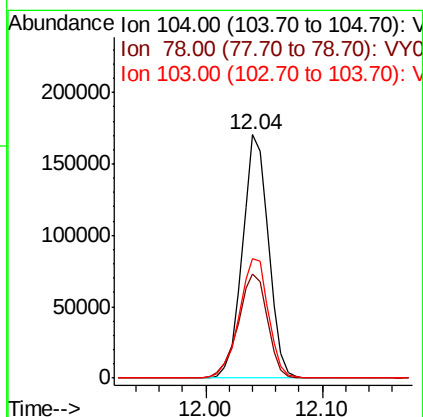
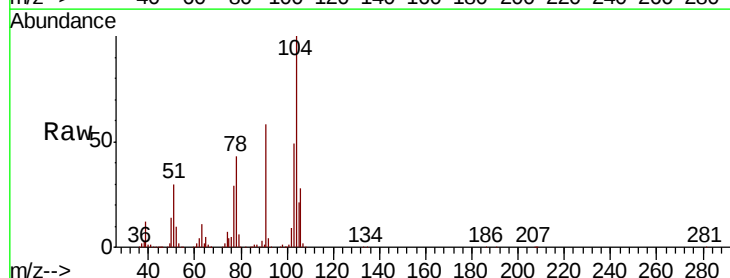
Instrument :
MSVOA_Y
ClientSampleId :
VY0706SBSD01

Tot Ion:106 Resp: 154824
Ion Ratio Lower Upper
106 100
91 211.4 107.9 323.8



#70
Styrene
Concen: 21.434 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. -0.00 min
Lab File: VY003105.D
Acq: 06 Jul 2020 11:45

Tgt Ion:104 Resp: 265700
Ion Ratio Lower Upper
104 100
78 48.2 40.4 60.6
103 55.1 44.1 66.1

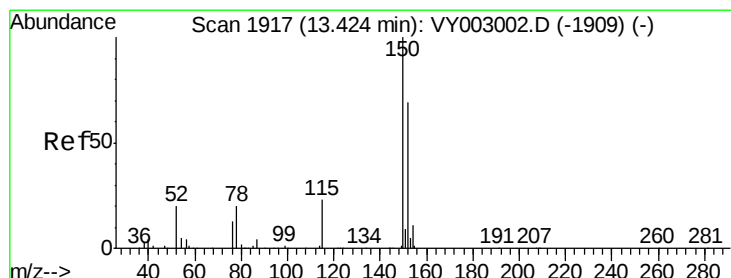
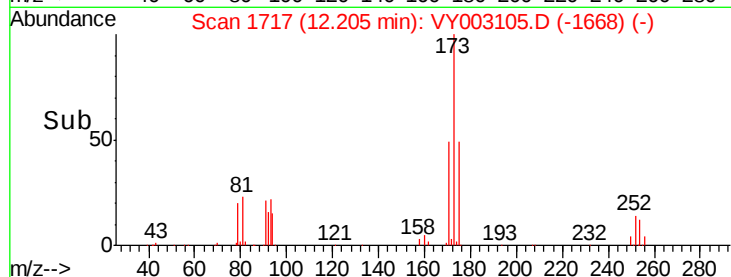
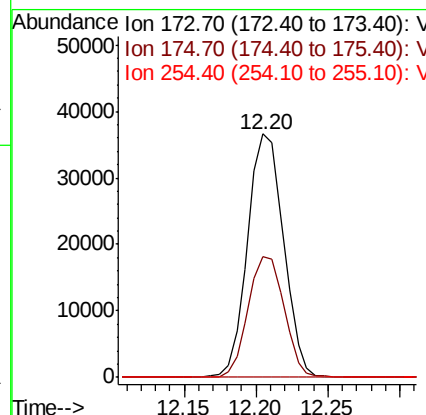
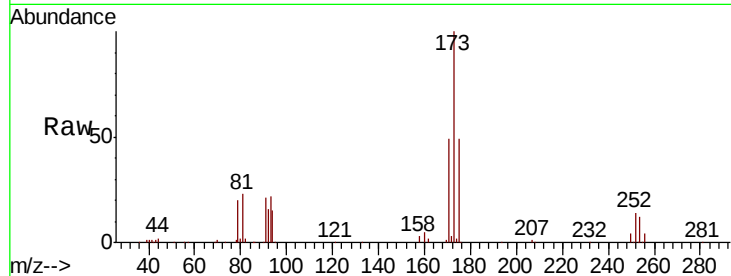




#71
Bromoform
Concen: 21.458 ug/l
RT: 12.20 min Scan# 1717
Delta R.T. -0.00 min
Lab File: VY003105.D
Acq: 06 Jul 2020 11:45

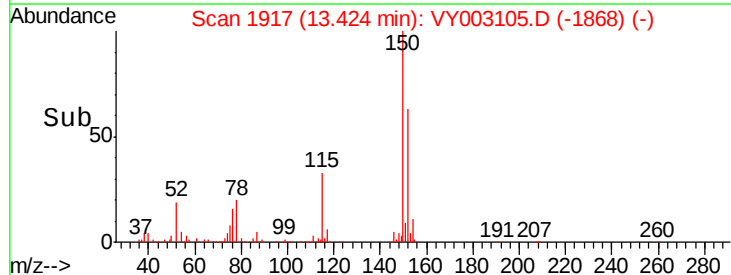
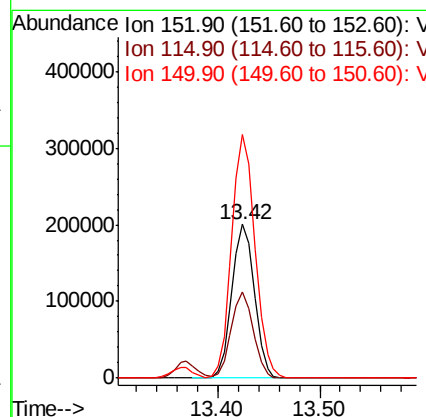
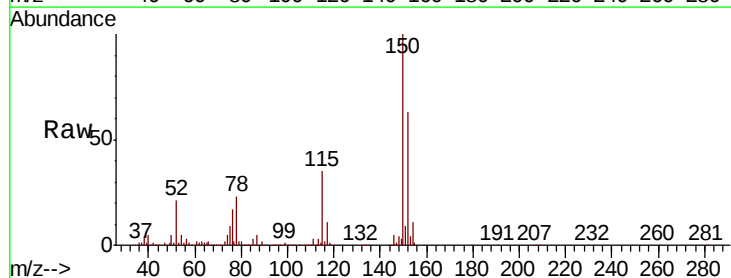
Instrument :
MSVOA_Y
ClientSampleId :
VY0706SBSD01

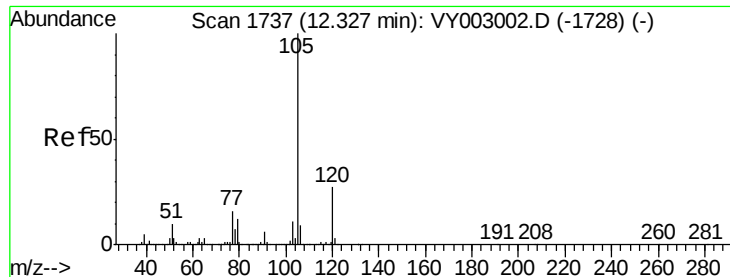
Tot Ion:173 Resp: 63175
Ion Ratio Lower Upper
173 100
175 49.8 24.6 73.6
254 0.3 0.2 0.2#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY003105.D
Acq: 06 Jul 2020 11:45

Tgt Ion:152 Resp: 306046
Ion Ratio Lower Upper
152 100
115 54.5 27.3 81.9
150 164.0 0.0 343.4





#73

Isopropylbenzene

Concen: 21.283 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. -0.00 min

Lab File: VY003105.D

Acq: 06 Jul 2020 11:45

Instrument :

MSVOA_Y

ClientSampleId :

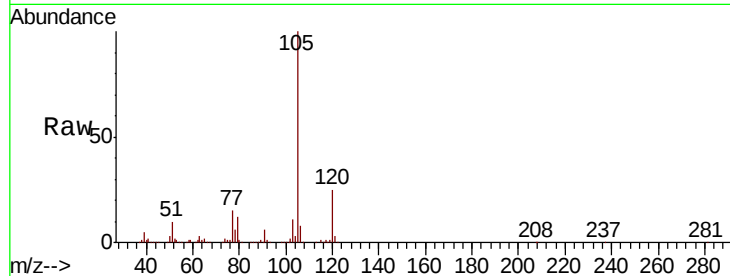
VY0706SBSD01

Tot Ion:105 Resp: 426280

Ion Ratio Lower Upper

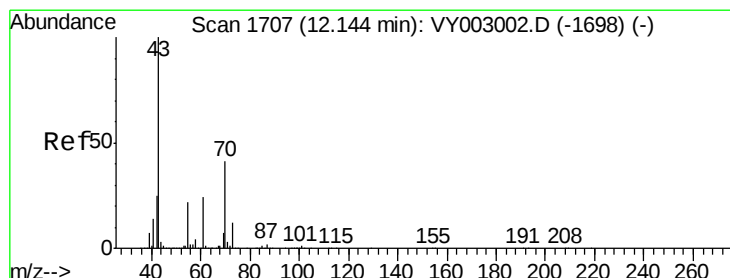
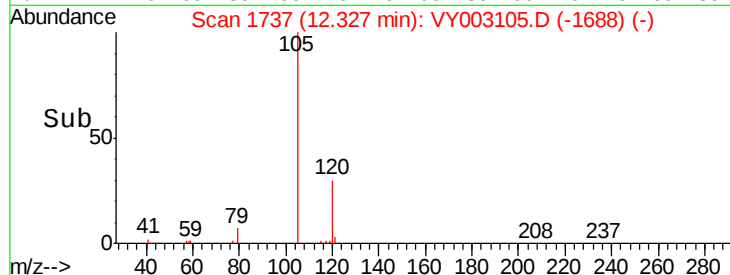
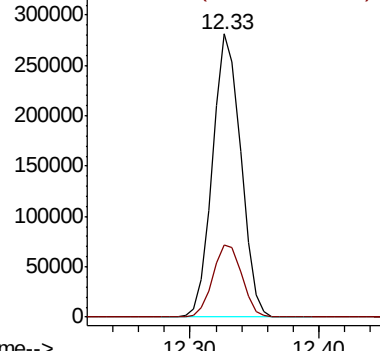
105 100

120 26.3 13.4 40.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 20.010 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VY003105.D

Acq: 06 Jul 2020 11:45

Tgt Ion: 43 Resp: 130472

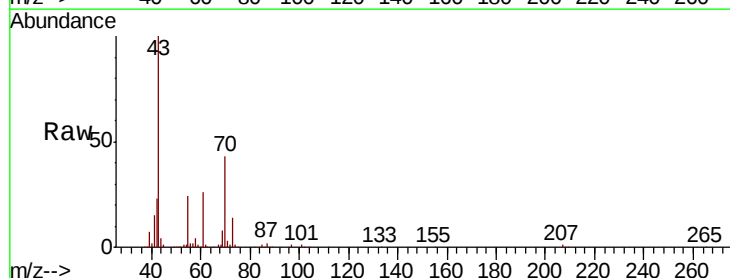
Ion Ratio Lower Upper

43 100

70 43.2 33.0 49.4

55 23.8 18.2 27.2

61 25.5 19.4 29.2

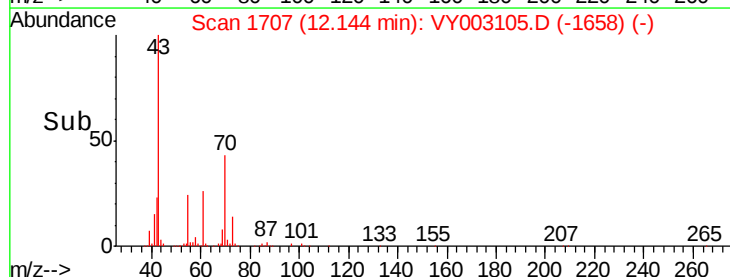
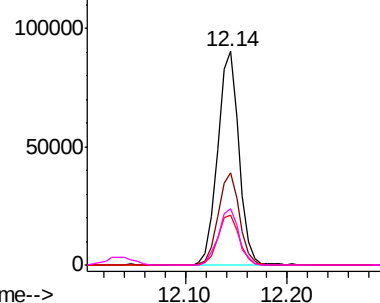


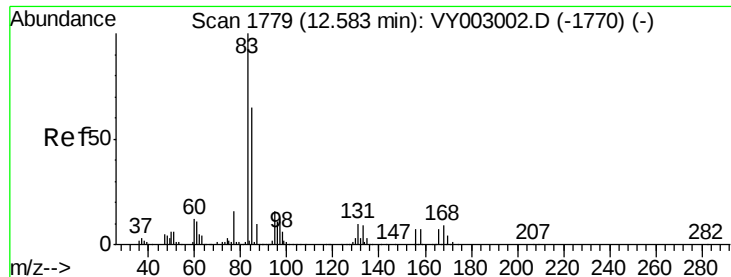
Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 70.00 (69.70 to 70.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 61.00 (60.70 to 61.70): VY0





#75

1,1,2,2-Tetrachloroethane

Concen: 21.706 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VY003105.D

Acq: 06 Jul 2020 11:45

Instrument :

MSVOA_Y

ClientSampleId :

VY0706SBSD01

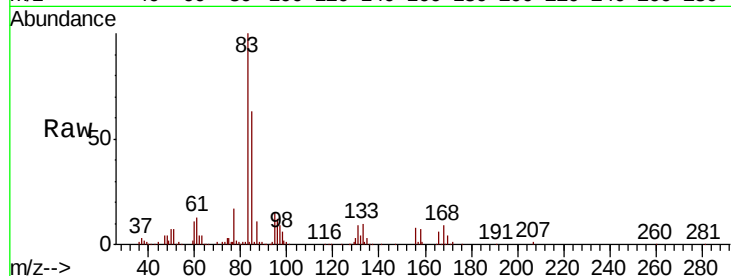
Tot Ion: 83 Resp: 87734

Ion Ratio Lower Upper

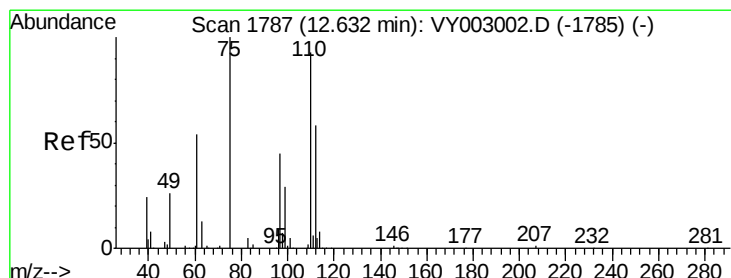
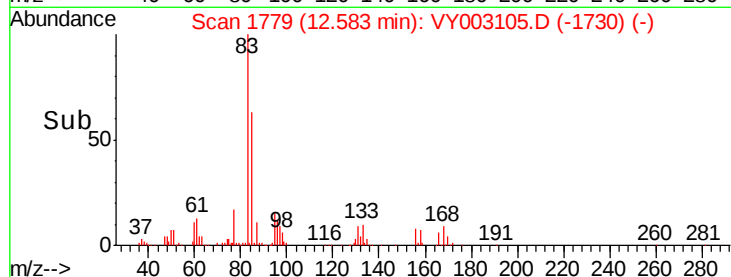
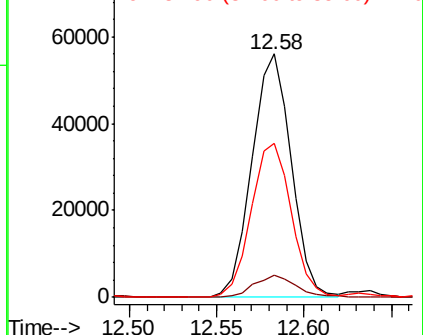
83 100

131 9.9 5.3 16.1

85 64.7 32.1 96.3



Abundance Ion 82.90 (82.60 to 83.60): VY0
Ion 130.80 (130.50 to 131.50): VY0
Ion 84.90 (84.60 to 85.60): VY0



#76

1,2,3-Trichloropropane

Concen: 39.650 ug/l

RT: 12.63 min Scan# 1787

Delta R.T. -0.00 min

Lab File: VY003105.D

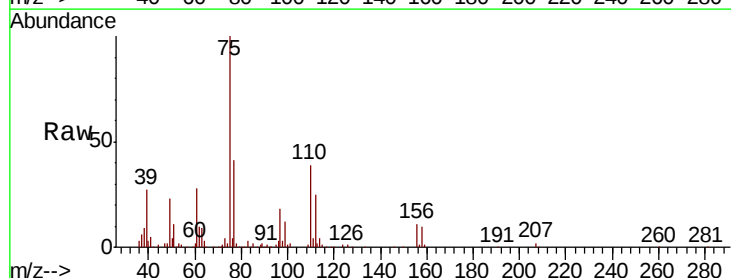
Acq: 06 Jul 2020 11:45

Tgt Ion: 75 Resp: 120097

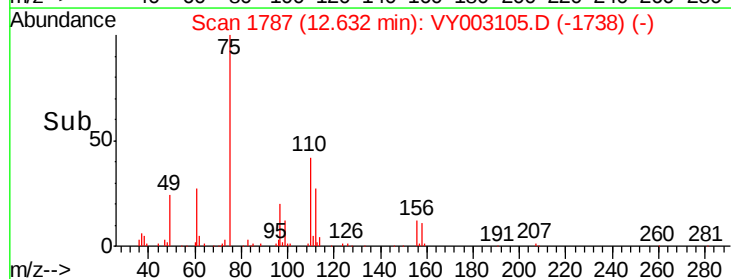
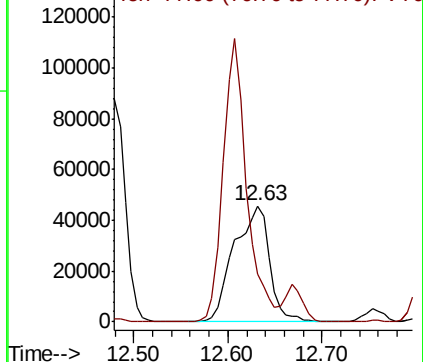
Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY0
Ion 77.00 (76.70 to 77.70): VY0





#77

Bromobenzene

Concen: 21.336 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VY003105.D

Acq: 06 Jul 2020 11:45

Instrument :

MSVOA_Y

ClientSampleId :

VY0706SBSD01

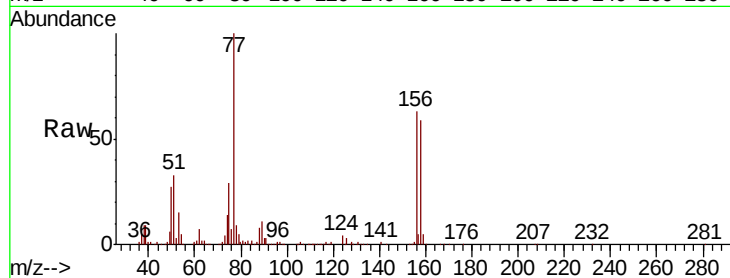
Tot Ion:156 Resp: 109572

Ion Ratio Lower Upper

156 100

77 176.6 90.0 270.0

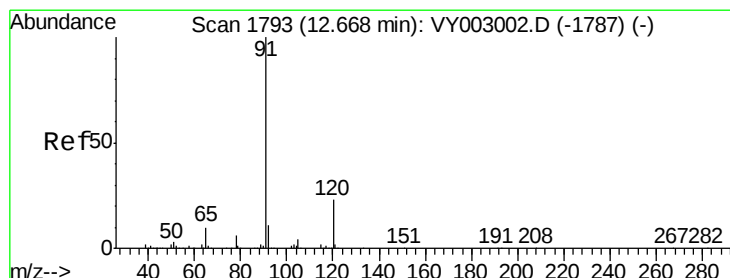
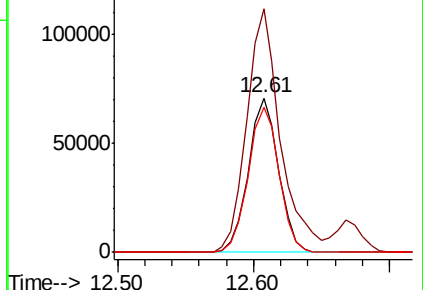
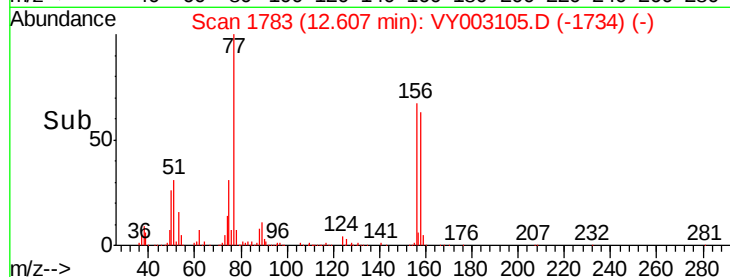
158 95.9 48.5 145.5



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 21.271 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VY003105.D

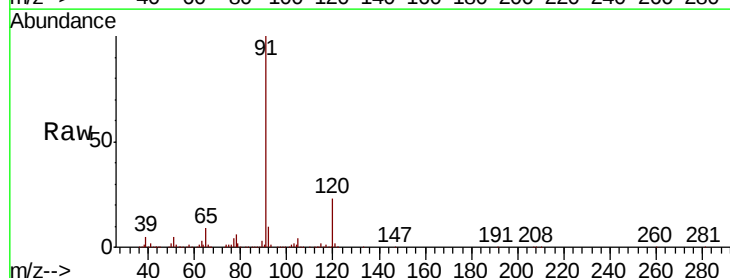
Acq: 06 Jul 2020 11:45

Tgt Ion: 91 Resp: 512383

Ion Ratio Lower Upper

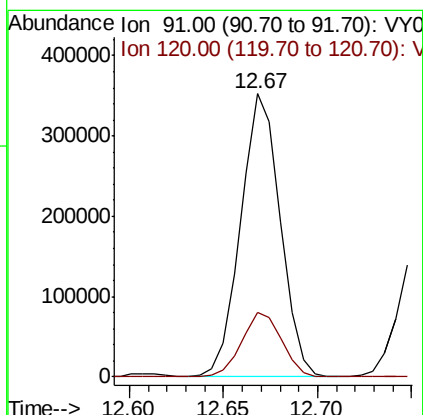
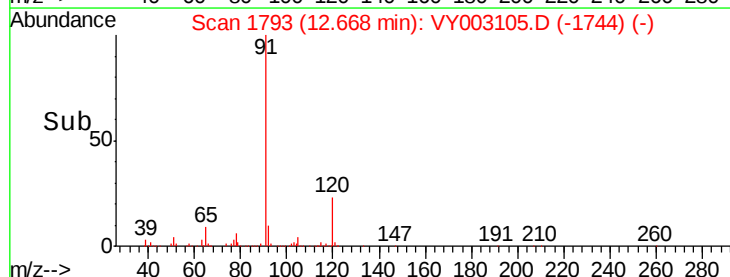
91 100

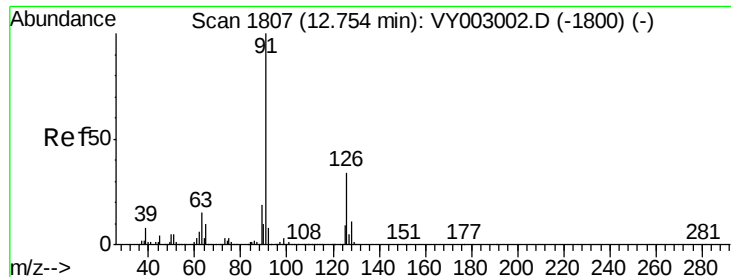
120 23.1 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 21.062 ug/l

RT: 12.75 min Scan# 1807

Delta R.T. -0.00 min

Lab File: VY003105.D

Acq: 06 Jul 2020 11:45

Instrument :

MSVOA_Y

ClientSampleId :

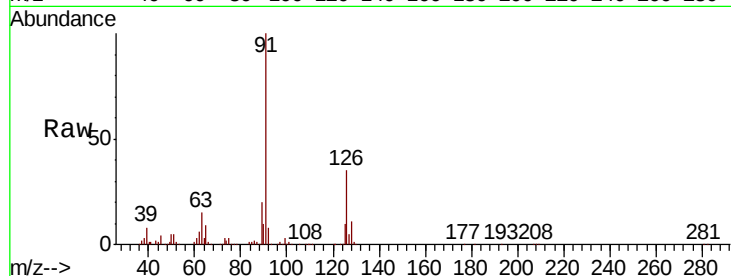
VY0706SBSD01

Tot Ion: 91 Resp: 283192

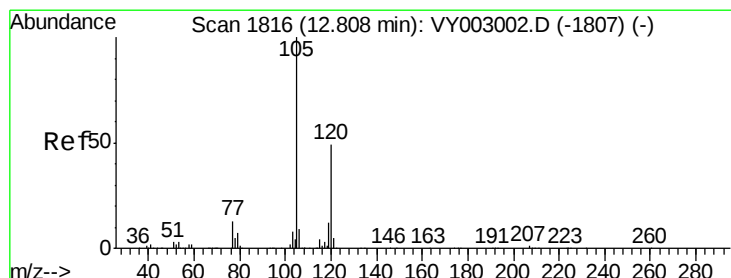
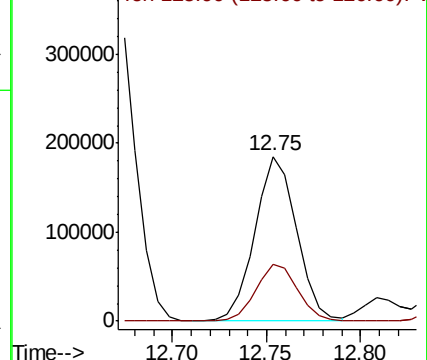
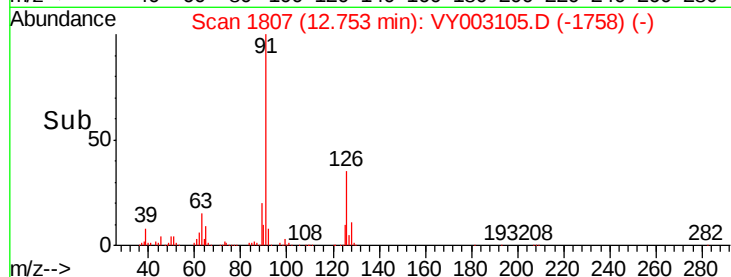
Ion Ratio Lower Upper

91 100

126 34.8 17.1 51.3



Abundance Ion 91.00 (90.70 to 91.70): VY003105.D (-1758) (-)



#80

1,3,5-Trimethylbenzene

Concen: 21.179 ug/l

RT: 12.81 min Scan# 1816

Delta R.T. -0.00 min

Lab File: VY003105.D

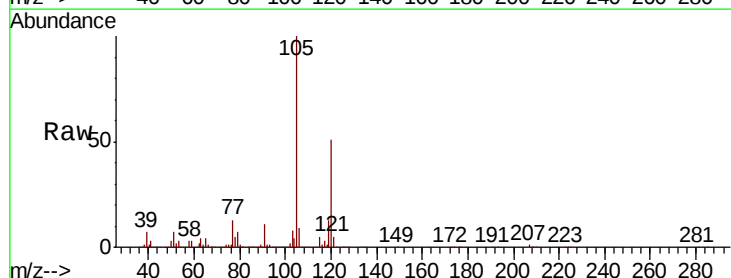
Acq: 06 Jul 2020 11:45

Tgt Ion: 105 Resp: 355962

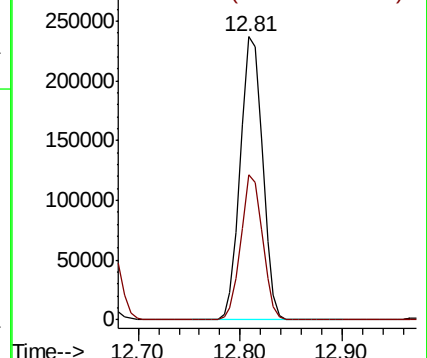
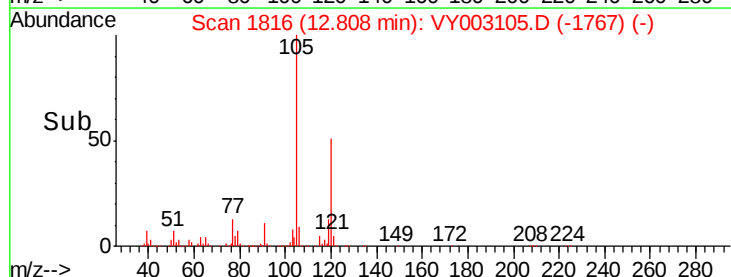
Ion Ratio Lower Upper

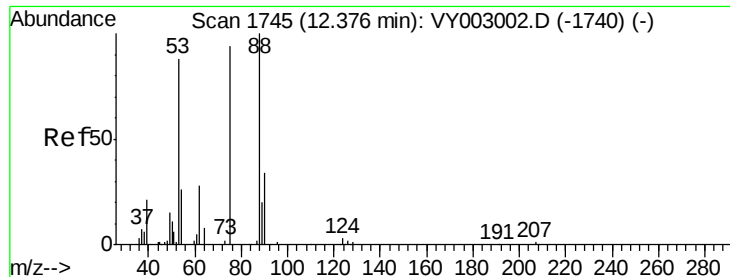
105 100

120 49.9 24.6 73.6



Abundance Ion 105.00 (104.70 to 105.70): VY003105.D (-1767) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 20.446 ug/l

RT: 12.38 min Scan# 1745

Delta R.T. -0.00 min

Lab File: VY003105.D

Acq: 06 Jul 2020 11:45

Instrument :

MSVOA_Y

ClientSampleId :

VY0706SBSD01

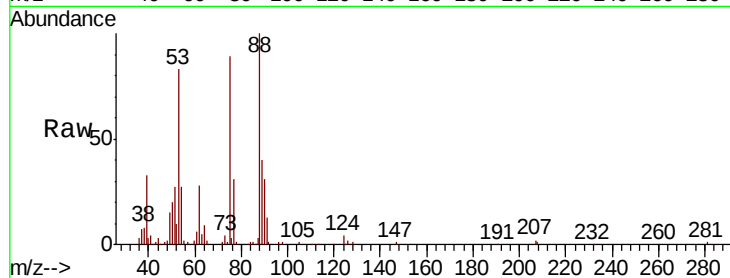
Tot Ion: 75 Resp: 31830

Ion Ratio Lower Upper

75 100

53 89.4 73.9 110.9

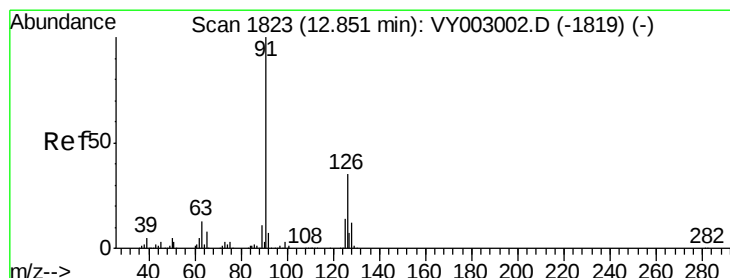
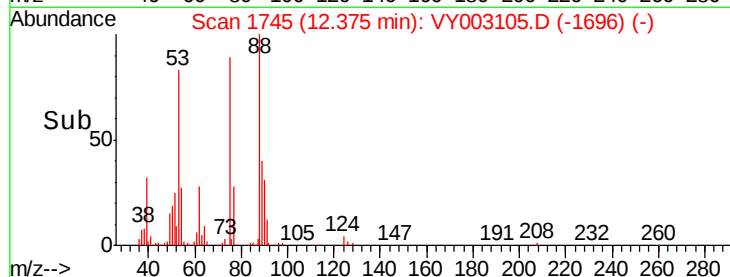
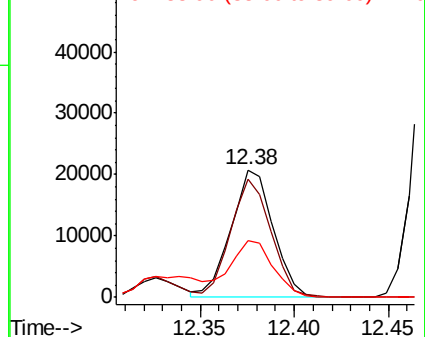
89 47.2 37.5 56.3



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 53.00 (52.70 to 53.70): VY0

Ion 88.90 (88.60 to 89.60): VY0



#82

4-Chlorotoluene

Concen: 21.002 ug/l

RT: 12.85 min Scan# 1823

Delta R.T. -0.00 min

Lab File: VY003105.D

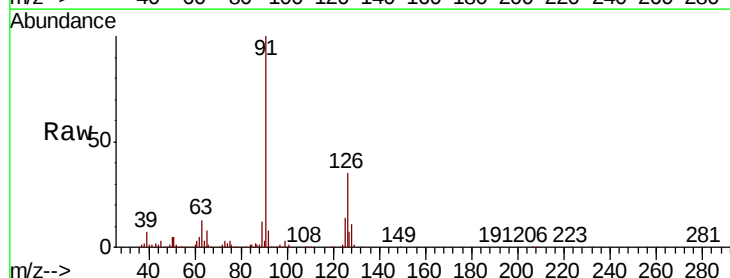
Acq: 06 Jul 2020 11:45

Tgt Ion: 91 Resp: 294000

Ion Ratio Lower Upper

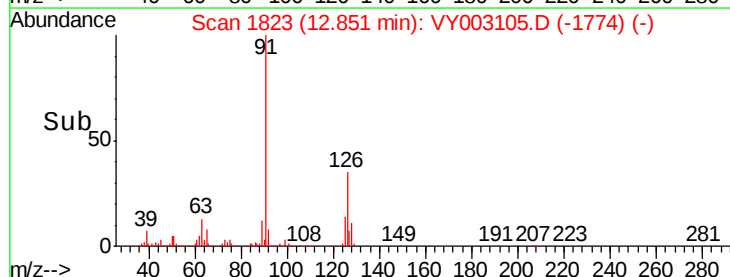
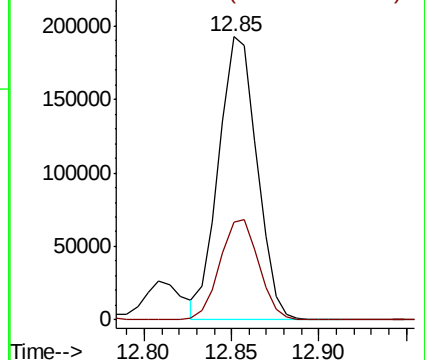
91 100

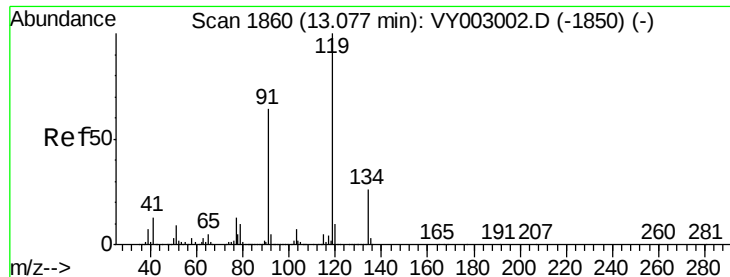
126 36.1 17.4 52.3



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 21.423 ug/l

RT: 13.07 min Scan# 1859

Delta R.T. -0.01 min

Lab File: VY003105.D

Acq: 06 Jul 2020 11:45

Instrument :

MSVOA_Y

ClientSampleId :

VY0706SBSD01

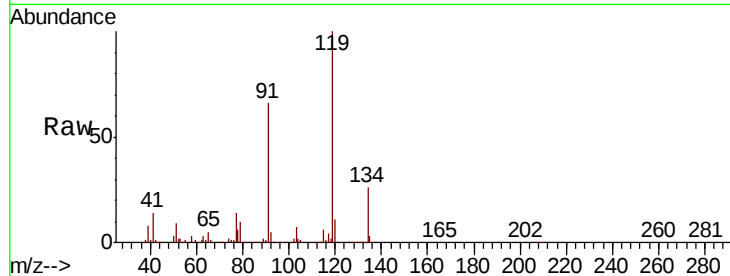
Tot Ion:119 Resp: 316162

Ion Ratio Lower Upper

119 100

91 62.4 31.6 95.0

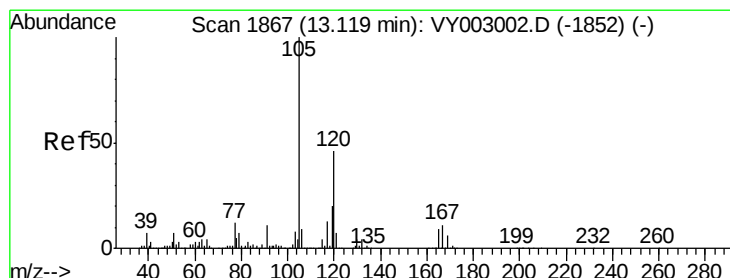
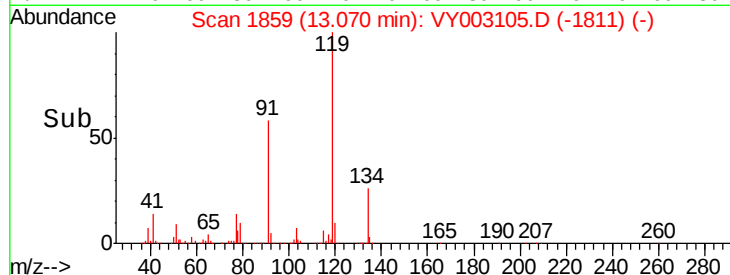
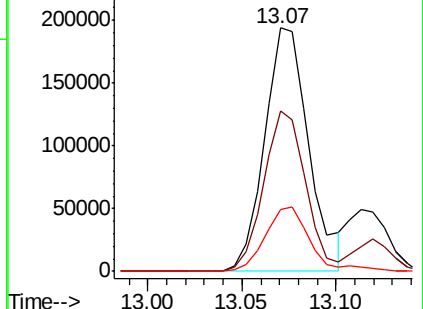
134 26.7 13.2 39.5



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VY0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 21.361 ug/l

RT: 13.12 min Scan# 1867

Delta R.T. -0.00 min

Lab File: VY003105.D

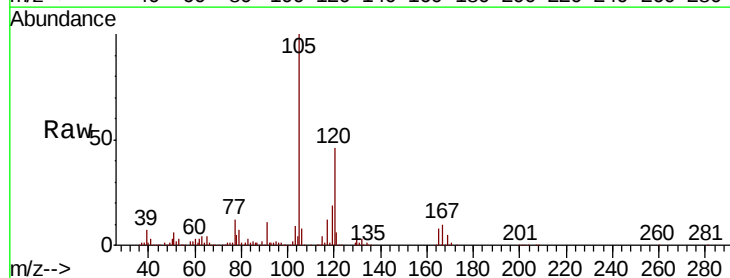
Acq: 06 Jul 2020 11:45

Tgt Ion:105 Resp: 361781

Ion Ratio Lower Upper

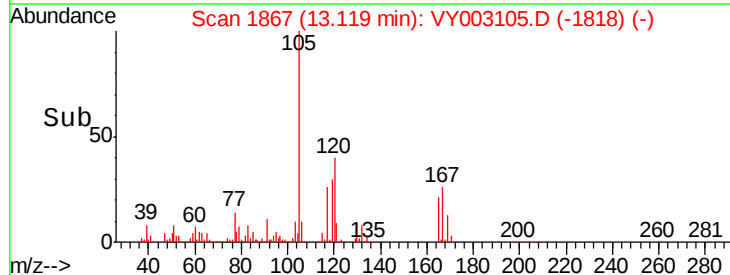
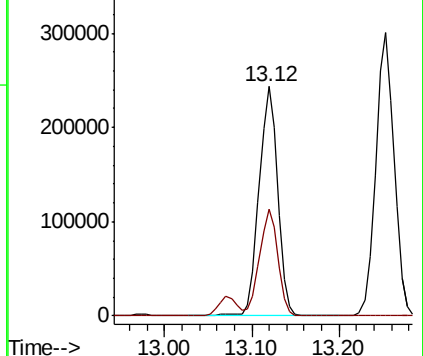
105 100

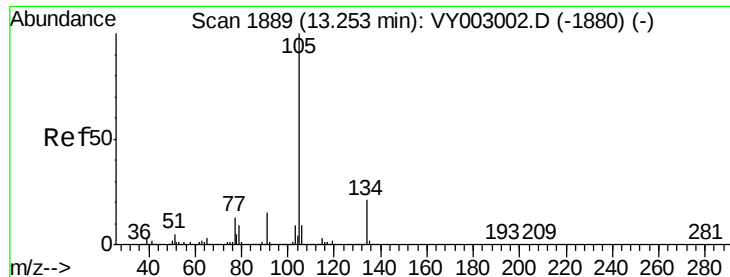
120 45.9 22.6 67.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 21.439 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VY003105.D

Acq: 06 Jul 2020 11:45

Instrument :

MSVOA_Y

ClientSampleId :

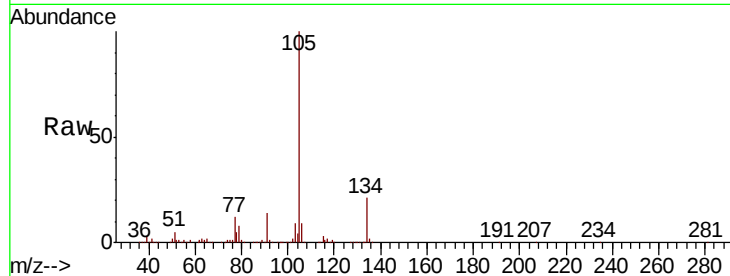
VY0706SBSD01

Tot Ion:105 Resp: 436118

Ion Ratio Lower Upper

105 100

134 20.8 10.4 31.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.25

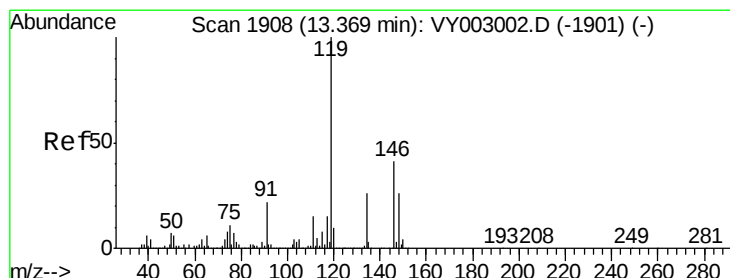
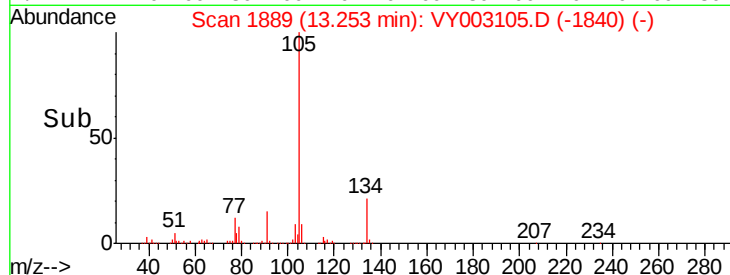
300000

200000

100000

0

Time-->



#86

p-Isopropyltoluene

Concen: 21.219 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. -0.00 min

Lab File: VY003105.D

Acq: 06 Jul 2020 11:45

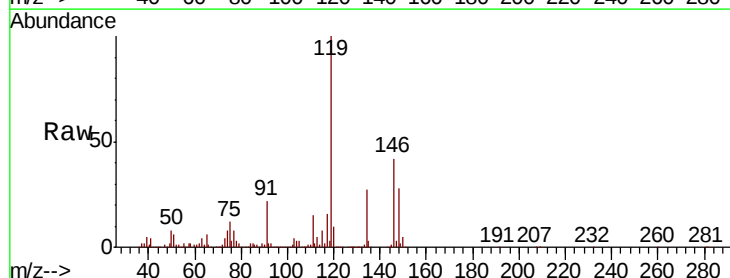
Tgt Ion:119 Resp: 399964

Ion Ratio Lower Upper

119 100

134 26.8 13.5 40.4

91 22.5 11.5 34.5



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0

13.37

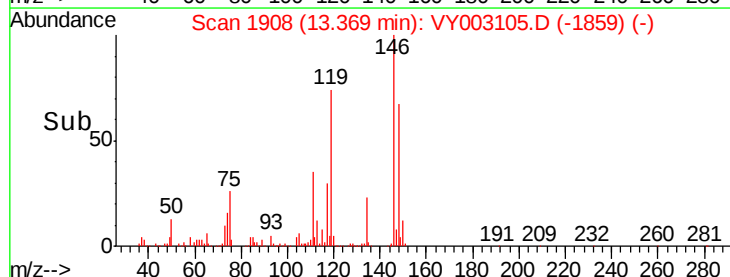
300000

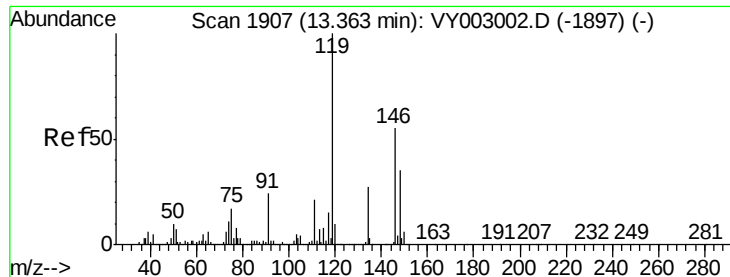
200000

100000

0

Time-->

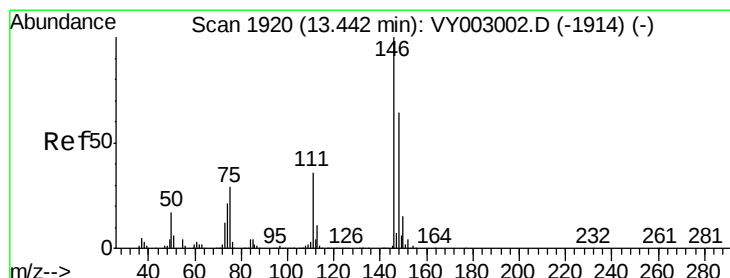
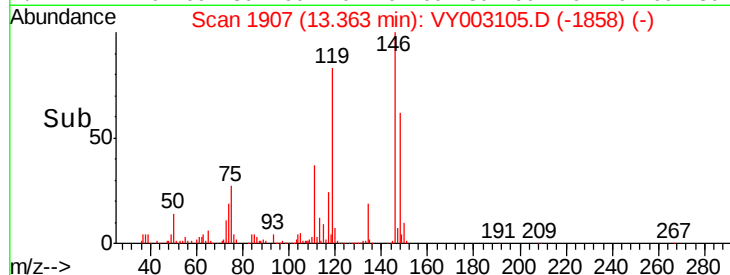
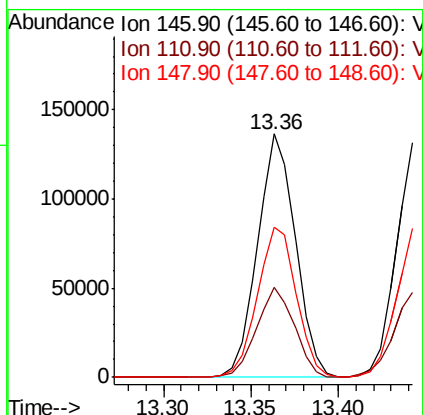
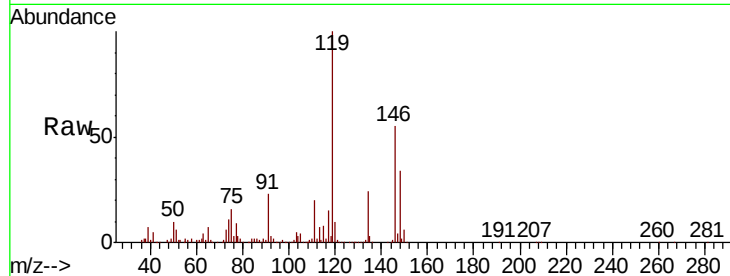




#87
 1,3-Dichlorobenzene
 Concen: 21.416 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. -0.00 min
 Lab File: VY003105.D
 Acq: 06 Jul 2020 11:45

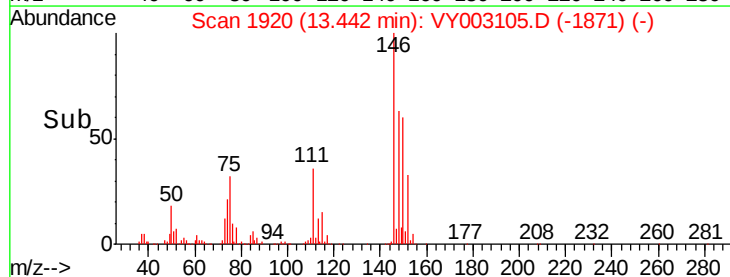
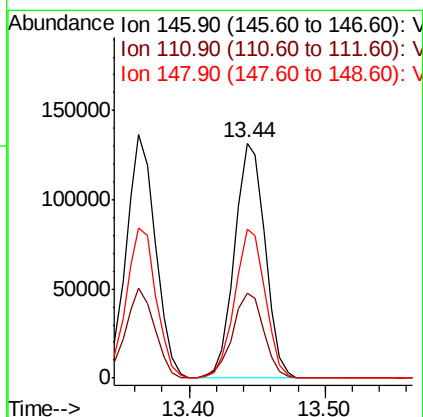
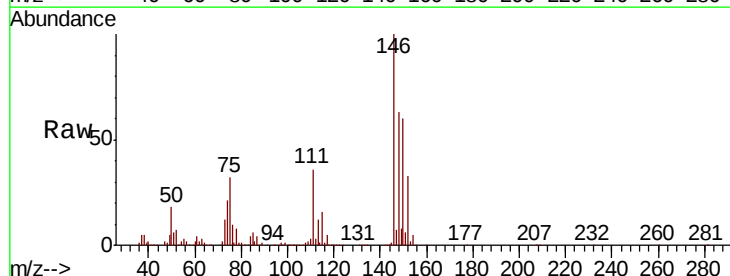
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0706SBSD01

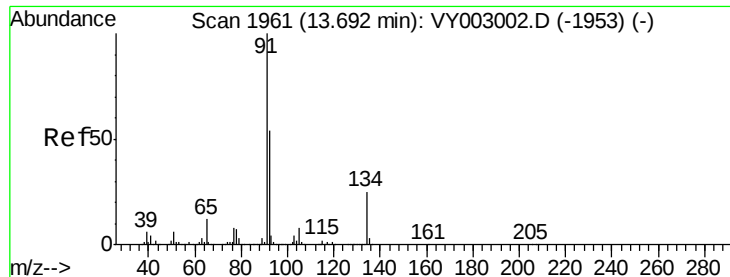
Tot Ion	Ratio	Lower	Upper
146	100		
111	36.8	18.8	56.3
148	63.5	31.8	95.3



#88
 1,4-Dichlorobenzene
 Concen: 21.715 ug/l
 RT: 13.44 min Scan# 1920
 Delta R.T. -0.00 min
 Lab File: VY003105.D
 Acq: 06 Jul 2020 11:45

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.5	18.4	55.4
148	63.1	32.3	96.9





#89

n-Butylbenzene

Concen: 21.522 ug/l

RT: 13.70 min Scan# 1962

Delta R.T. 0.01 min

Lab File: VY003105.D

Acq: 06 Jul 2020 11:45

Instrument :

MSVOA_Y

ClientSampleId :

VY0706SBSD01

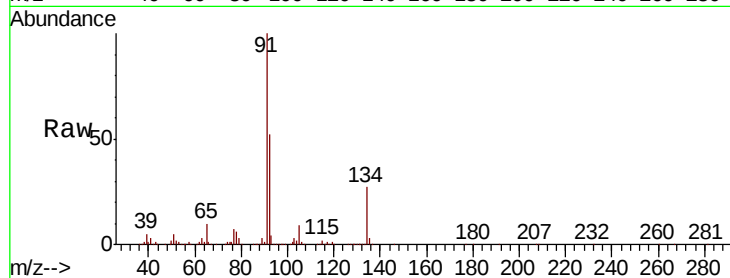
Tot Ion: 91 Resp: 388136

Ion Ratio Lower Upper

91 100

92 53.6 26.8 80.3

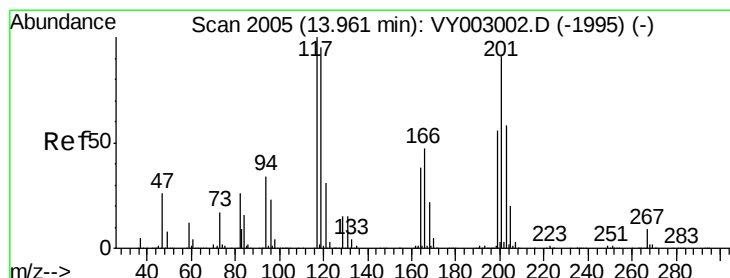
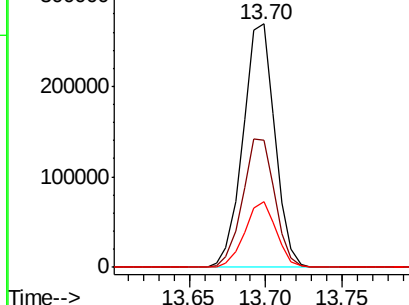
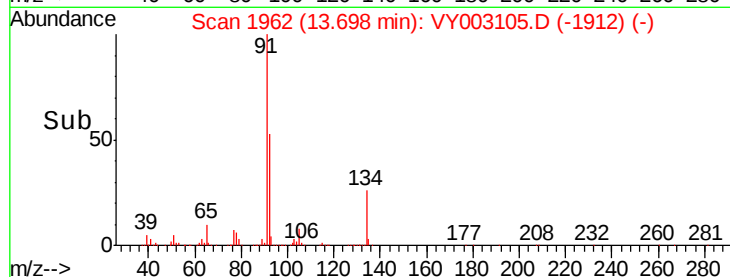
134 26.6 13.1 39.1



Abundance Ion 91.00 (90.70 to 91.70): VY003105.D (-1912) (-)

Ion 92.00 (91.70 to 92.70): VY003105.D (-1912) (-)

Ion 134.00 (133.70 to 134.70): VY003105.D (-1912) (-)



#90

Hexachloroethane

Concen: 21.144 ug/l

RT: 13.96 min Scan# 2005

Delta R.T. -0.00 min

Lab File: VY003105.D

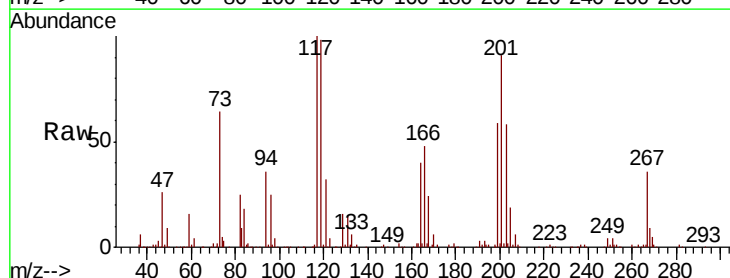
Acq: 06 Jul 2020 11:45

Tgt Ion: 117 Resp: 79142

Ion Ratio Lower Upper

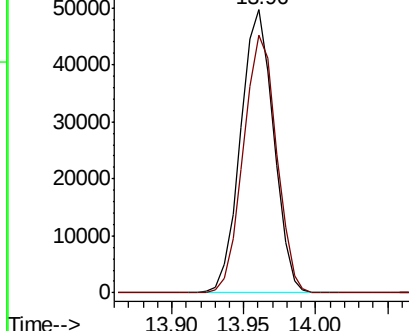
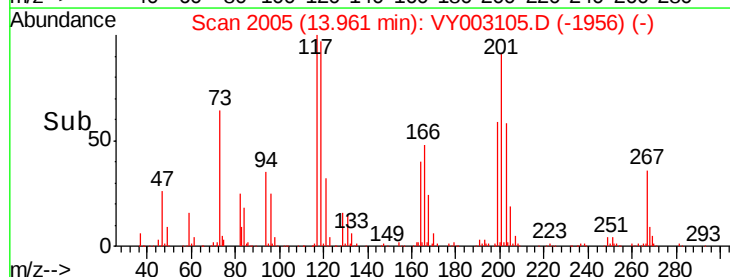
117 100

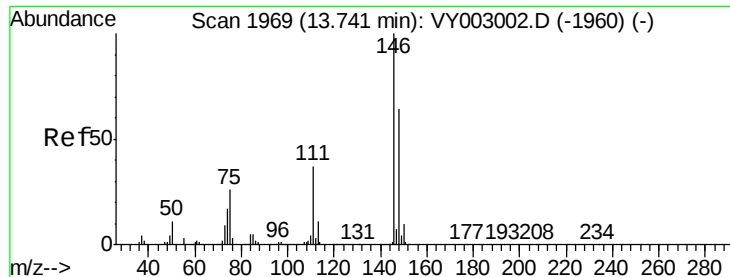
201 90.9 45.5 136.4



Abundance Ion 116.80 (116.50 to 117.50): VY003105.D (-1956) (-)

Ion 200.70 (200.40 to 201.40): VY003105.D (-1956) (-)





#91

1,2-Dichlorobenzene

Concen: 21.727 ug/l

RT: 13.74 min Scan# 1969

Delta R.T. -0.00 min

Lab File: VY003105.D

Acq: 06 Jul 2020 11:45

Instrument :

MSVOA_Y

ClientSampleId :

VY0706SBSD01

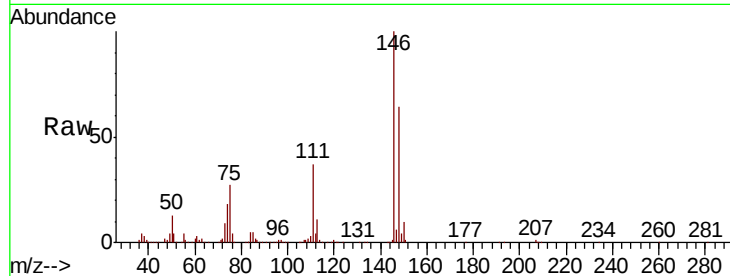
Tot Ion:146 Resp: 186906

Ion Ratio Lower Upper

146 100

111 38.4 19.1 57.5

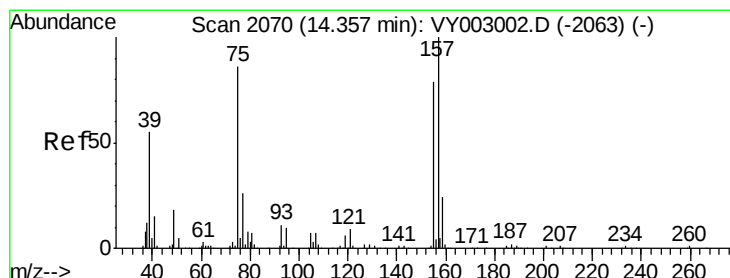
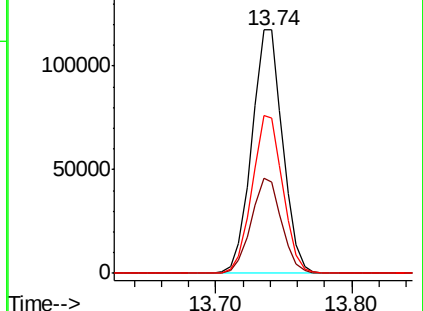
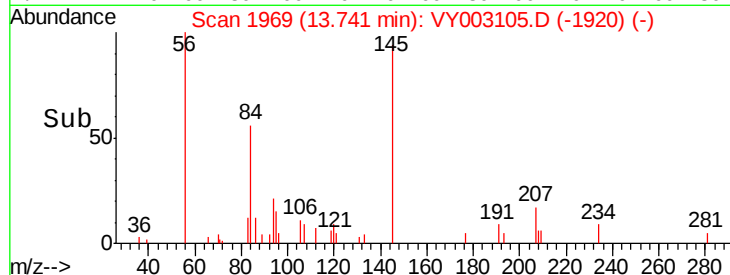
148 64.4 31.8 95.3



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 20.822 ug/l

RT: 14.36 min Scan# 2070

Delta R.T. -0.00 min

Lab File: VY003105.D

Acq: 06 Jul 2020 11:45

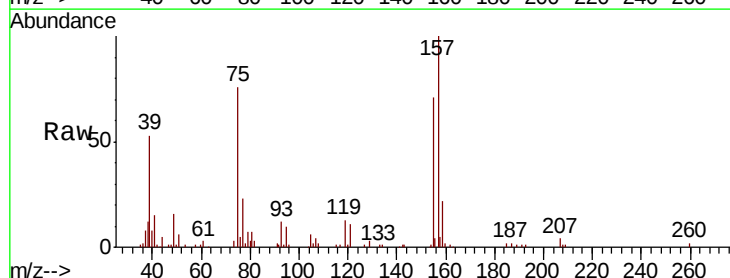
Tgt Ion: 75 Resp: 14899

Ion Ratio Lower Upper

75 100

155 97.9 46.5 139.3

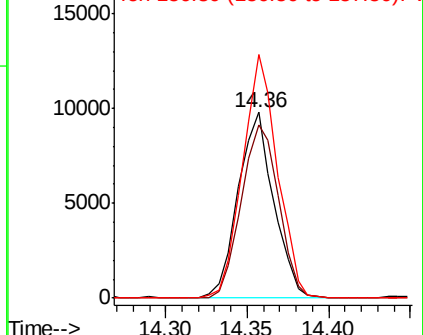
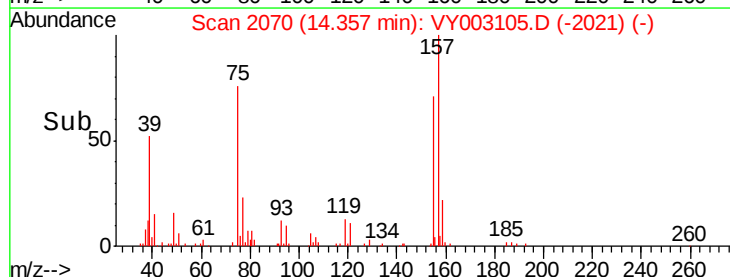
157 128.2 59.2 177.5

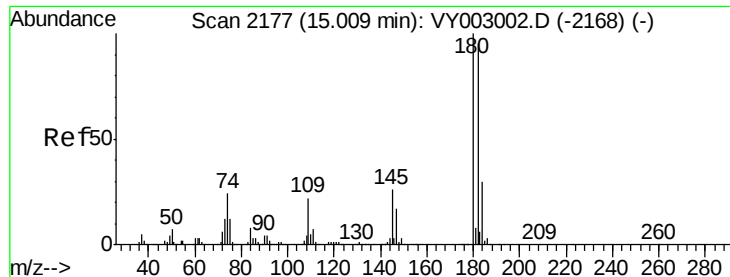


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

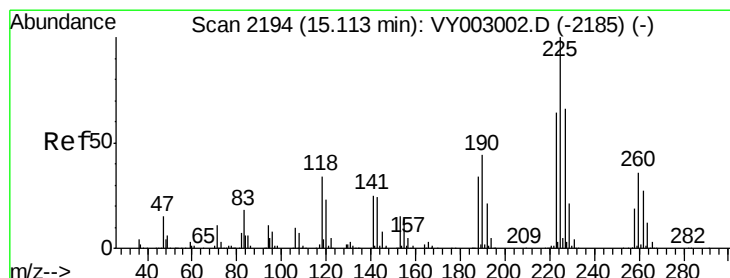
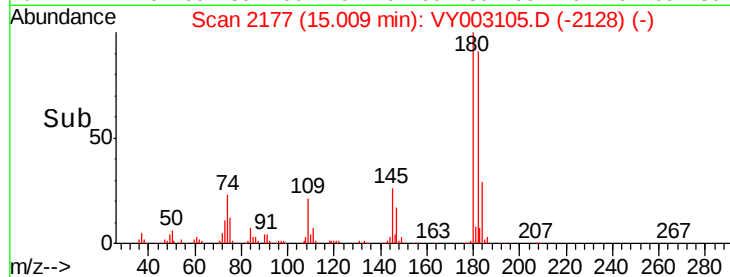
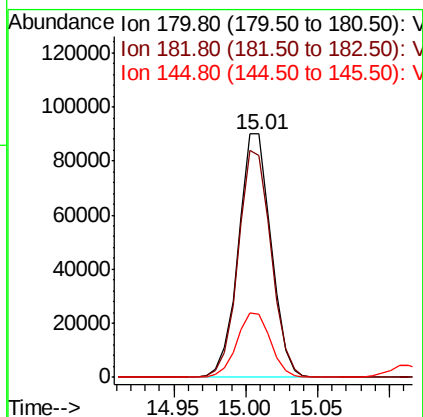
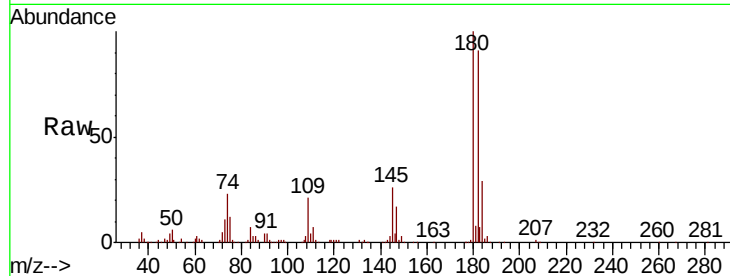




#93
 1,2,4-Trichlorobenzene
 Concen: 22.123 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. -0.00 min
 Lab File: VY003105.D
 Acq: 06 Jul 2020 11:45

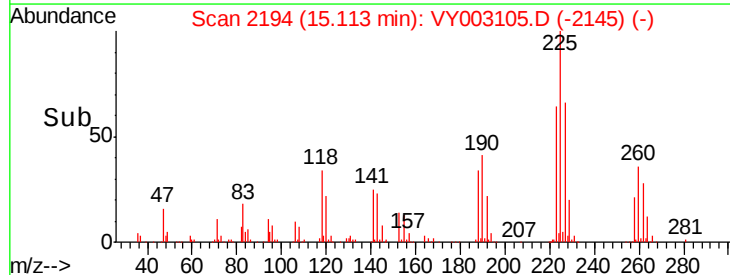
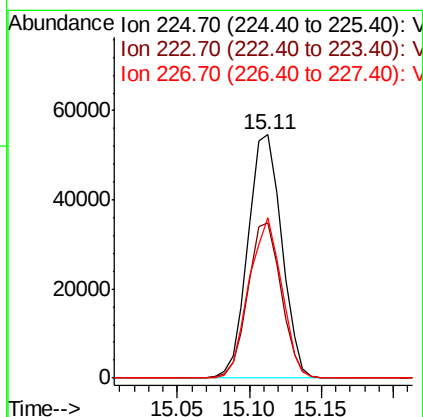
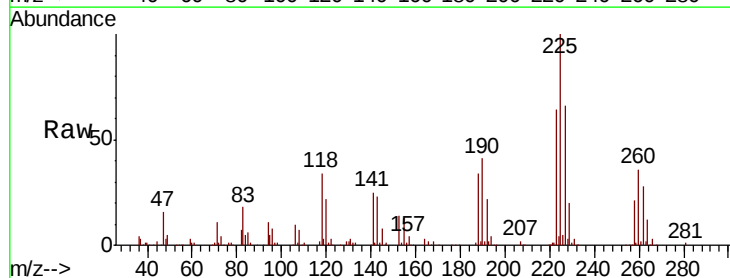
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0706SBSD01

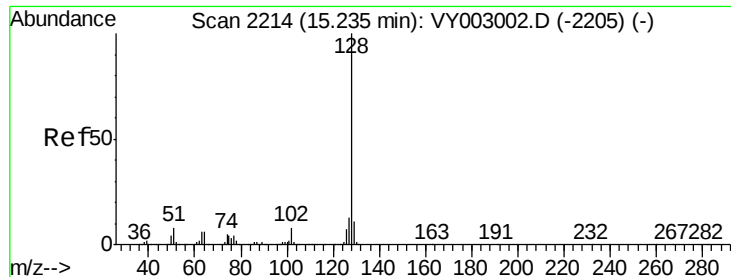
Tot Ion:180 Resp: 141410
 Ion Ratio Lower Upper
 180 100
 182 93.8 48.1 144.3
 145 27.4 13.9 41.6



#94
 Hexachlorobutadiene
 Concen: 21.923 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. -0.00 min
 Lab File: VY003105.D
 Acq: 06 Jul 2020 11:45

Tgt Ion:225 Resp: 88393
 Ion Ratio Lower Upper
 225 100
 223 63.0 32.4 97.0
 227 64.0 32.4 97.2

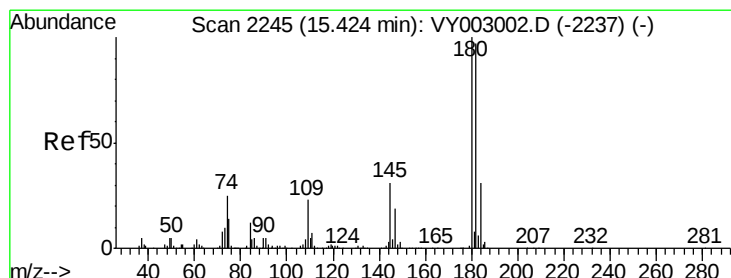
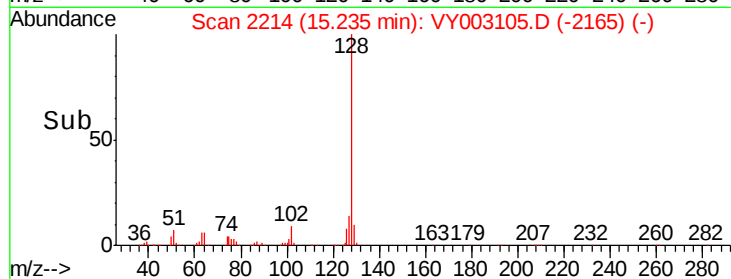
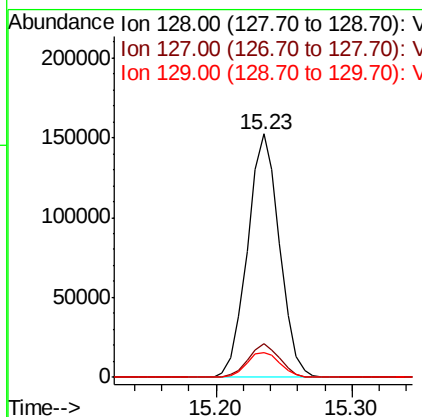
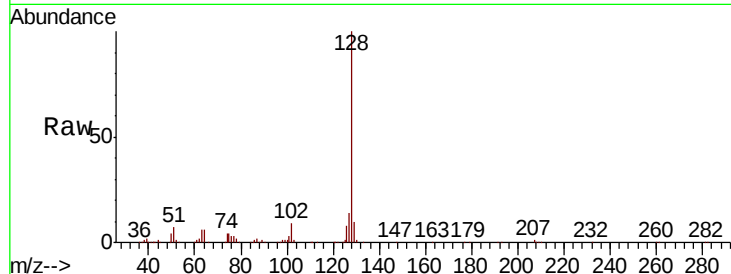




#95
Naphthalene
Concen: 21.479 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. -0.00 min
Lab File: VY003105.D
Acq: 06 Jul 2020 11:45

Instrument :
MSVOA_Y
ClientSampleId :
VY0706SBSD01

Tot Ion:128 Resp: 250778
Ion Ratio Lower Upper
128 100
127 13.5 10.8 16.2
129 10.8 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 21.645 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. -0.00 min
Lab File: VY003105.D
Acq: 06 Jul 2020 11:45

Tgt Ion:180 Resp: 120140
Ion Ratio Lower Upper
180 100
182 95.2 47.8 143.3
145 28.9 14.7 44.1

