

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY072720\
 Data File : VY003355.D
 Acq On : 27 Jul 2020 14:34
 Operator : SY/MD
 Sample : VY0727SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0727SBS01

Quant Time: Jul 28 05:22:20 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y071020S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 10 13:18:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	513453	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	755577	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	692251	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	373190	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.14	65	207041	47.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.54%	
35) Dibromofluoromethane	7.72	113	202038	46.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.94%	
50) Toluene-d8	10.18	98	736655	45.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.14%	
62) 4-Bromofluorobenzene	12.48	95	271126	46.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.86%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	78991	21.464	ug/l	99
3) Chloromethane	2.11	50	109579	21.467	ug/l	100
4) Vinyl Chloride	2.26	62	109657	20.937	ug/l	99
5) Bromomethane	2.64	94	86684	22.283	ug/l	98
6) Chloroethane	2.80	64	69704	20.263	ug/l	96
7) Trichlorofluoromethane	3.13	101	159577	21.335	ug/l	99
8) Diethyl Ether	3.54	74	54445	21.723	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	3.90	101	96512	21.365	ug/l	97
10) Methyl Iodide	4.10	142	95366	19.432	ug/l	98
11) Tert butyl alcohol	4.96	59	62354	133.061	ug/l #	87
12) 1,1-Dichloroethene	3.88	96	90621	21.210	ug/l	94
13) Acrolein	3.74	56	27151	66.752	ug/l	99
14) Allyl chloride	4.49	41	145927	23.017	ug/l	95
15) Acrylonitrile	5.18	53	138906	115.376	ug/l	99
16) Acetone	3.96	43	112667	116.389	ug/l	98
17) Carbon Disulfide	4.20	76	275188	20.989	ug/l	100
18) Methyl Acetate	4.49	43	64954	24.162	ug/l	98
19) Methyl tert-butyl Ether	5.23	73	256211	21.398	ug/l	99
20) Methylene Chloride	4.73	84	141946	26.569	ug/l	98
21) trans-1,2-Dichloroethene	5.23	96	102576	21.226	ug/l	97
22) Diisopropyl ether	6.12	45	317135	22.539	ug/l	97
23) Vinyl Acetate	6.07	43	1029030	109.724	ug/l	98
24) 1,1-Dichloroethane	6.02	63	177811	21.813	ug/l	98
25) 2-Butanone	6.99	43	180893	113.812	ug/l	99
26) 2,2-Dichloropropane	6.99	77	164837	22.454	ug/l	99
27) cis-1,2-Dichloroethene	6.99	96	114327	21.487	ug/l	98
28) Bromochloromethane	7.34	49	79537	22.536	ug/l	96
29) Tetrahydrofuran	7.35	42	119798	112.198	ug/l	97
30) Chloroform	7.52	83	181368	21.602	ug/l	92
31) Cyclohexane	7.79	56	169386	21.489	ug/l	97
32) 1,1,1-Trichloroethane	7.71	97	163503	21.632	ug/l	98
36) 1,1-Dichloropropene	7.92	75	141787	20.705	ug/l	100
37) Ethyl Acetate	7.08	43	82588	22.394	ug/l	99
38) Carbon Tetrachloride	7.91	117	146467	20.718	ug/l	95

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 Sample : VY0727SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
 VY0727SBS01

Quant Time: Jul 28 05:22:20 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y071020S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 10 13:18:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	174086	20.236	ug/l	95
40) Benzene	8.16	78	401225	21.278	ug/l	98
41) Methacrylonitrile	7.33	41	49573m	22.319	ug/l	
42) 1,2-Dichloroethane	8.24	62	120482	20.755	ug/l	99
43) Isopropyl Acetate	8.28	43	151549	21.230	ug/l	99
44) Trichloroethene	8.94	130	113983	19.719	ug/l	96
45) 1,2-Dichloropropane	9.22	63	103911	21.297	ug/l	97
46) Dibromomethane	9.31	93	57060	20.023	ug/l	98
47) Bromodichloromethane	9.50	83	142057	20.960	ug/l	100
48) Methyl methacrylate	9.30	41	68747	21.542	ug/l	96
49) 1,4-Dioxane	9.30	88	15184	419.829	ug/l	91
51) 4-Methyl-2-Pentanone	10.07	43	401449	108.198	ug/l	99
52) Toluene	10.24	92	249779	20.725	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	146933	20.924	ug/l	99
54) cis-1,3-Dichloropropene	9.93	75	171443	21.190	ug/l	95
55) 1,1,2-Trichloroethane	10.64	97	84063	20.818	ug/l	98
56) Ethyl methacrylate	10.51	69	115575	21.052	ug/l	96
57) 1,3-Dichloropropane	10.79	76	145160	21.201	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.78	63	313559	111.990	ug/l	99
59) 2-Hexanone	10.83	43	277596	107.177	ug/l	100
60) Dibromochloromethane	10.99	129	106868	21.041	ug/l	99
61) 1,2-Dibromoethane	11.09	107	79125	19.853	ug/l	99
64) Tetrachloroethene	10.72	164	115558	18.722	ug/l	97
65) Chlorobenzene	11.52	112	277041	20.774	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.59	131	108697	20.986	ug/l	98
67) Ethyl Benzene	11.59	91	496482	20.851	ug/l	98
68) m/p-Xylenes	11.70	106	372290	41.207	ug/l	99
69) o-Xylene	12.03	106	174358	20.658	ug/l	98
70) Styrene	12.04	104	300062	20.782	ug/l	100
71) Bromoform	12.20	173	69056	20.314	ug/l	96
73) Isopropylbenzene	12.33	105	487270	20.489	ug/l	100
74) N-amyl acetate	12.14	43	139624	20.924	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.58	83	98748	21.499	ug/l	98
76) 1,2,3-Trichloropropane	12.63	75	68328m	20.684	ug/l	
77) Bromobenzene	12.61	156	123398	20.356	ug/l	99
78) n-propylbenzene	12.67	91	579817	20.683	ug/l	100
79) 2-Chlorotoluene	12.75	91	320748	20.507	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	406868	20.527	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	34615	20.394	ug/l	99
82) 4-Chlorotoluene	12.85	91	336934	20.639	ug/l	100
83) tert-Butylbenzene	13.08	119	363891	20.806	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	410029	20.559	ug/l	98
85) sec-Butylbenzene	13.25	105	502555	20.906	ug/l	100
86) p-Isopropyltoluene	13.37	119	462411	20.602	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	233791	20.394	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	230332	20.294	ug/l	98
89) n-Butylbenzene	13.70	91	443865	21.024	ug/l	99
90) Hexachloroethane	13.96	117	89087	21.795	ug/l	97
91) 1,2-Dichlorobenzene	13.73	146	208091	20.684	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	15580	20.922	ug/l	99

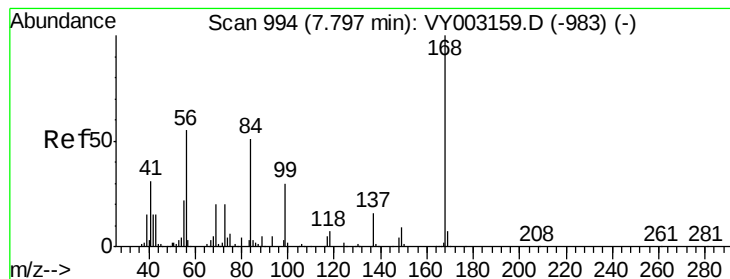
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY072720\
Data File : VY003355.D
Acq On : 27 Jul 2020 14:34
Operator : SY/MD
Sample : VY0727SBSD01
Misc : 5.00G/5ML/MSVOA Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
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Quant Time: Jul 28 05:22:20 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y071020S.M
Quant Title : SW846 8260
QLast Update : Fri Jul 10 13:18:03 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	152123	21.255	ug/l	99
94) Hexachlorobutadiene	15.11	225	99994	20.390	ug/l	99
95) Naphthalene	15.23	128	253619	21.442	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	120305	21.265	ug/l	99

(#) = 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: VY003355.D

Acq: 27 Jul 2020 14:34

Instrument :

MSVOA_Y

ClientSampleId :

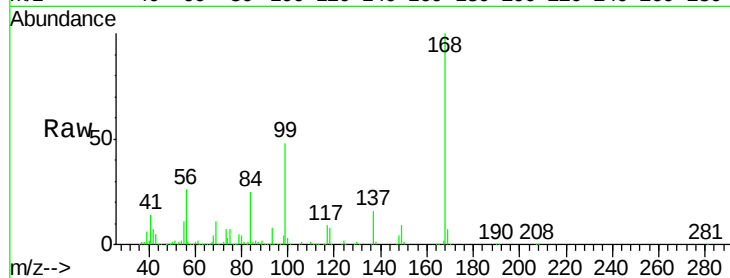
VY0727SBS01

Tot Ion:168 Resp: 513453

Ion Ratio Lower Upper

168 100

99 48.3 37.3 55.9



Abundance Ion 167.90 (167.60 to 168.60): VY003355.D (-945) (-)

Ion 98.90 (98.60 to 99.60): VY003355.D (-945) (-)

7.80

250000

200000

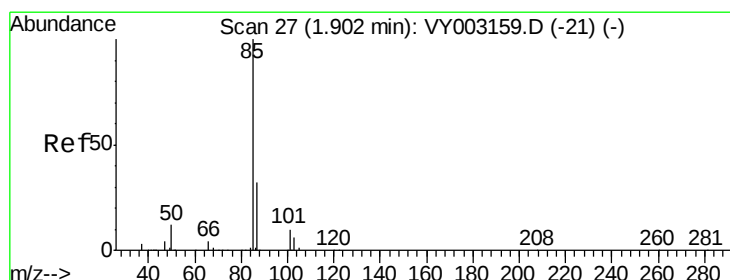
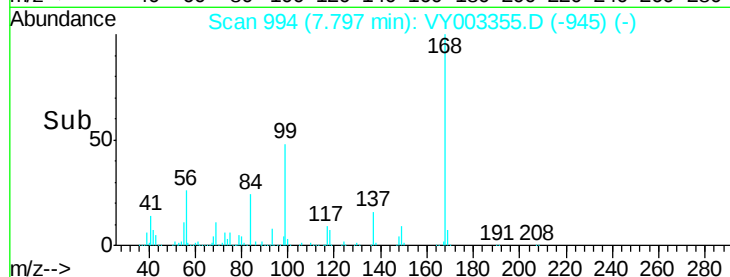
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 21.464 ug/l

RT: 1.91 min Scan# 28

Delta R.T. 0.01 min

Lab File: VY003355.D

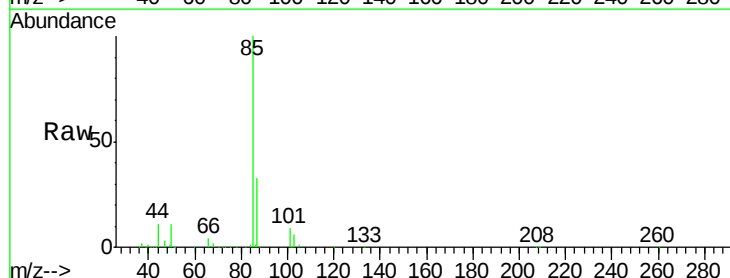
Acq: 27 Jul 2020 14:34

Tgt Ion: 85 Resp: 78991

Ion Ratio Lower Upper

85 100

87 32.6 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VY003355.D (-1) (-)

Ion 86.90 (86.60 to 87.60): VY003355.D (-1) (-)

1.91

50000

40000

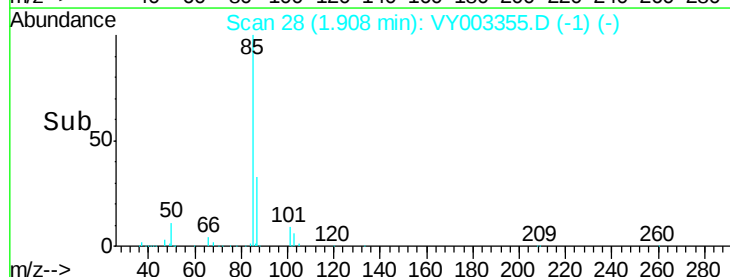
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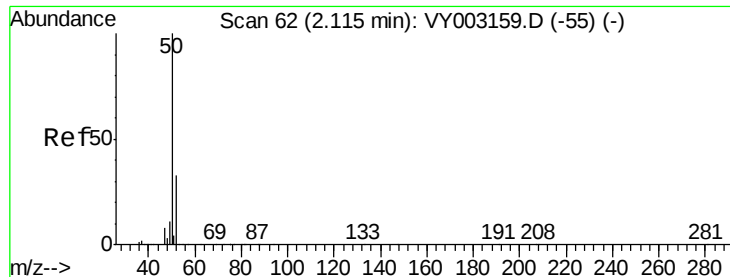
20000

10000

0

Time-->





#3

Chloromethane

Concen: 21.467 ug/l

RT: 2.11 min Scan# 62

Delta R.T. -0.00 min

Lab File: VY003355.D

Acq: 27 Jul 2020 14:34

Instrument :

MSVOA_Y

ClientSampleId :

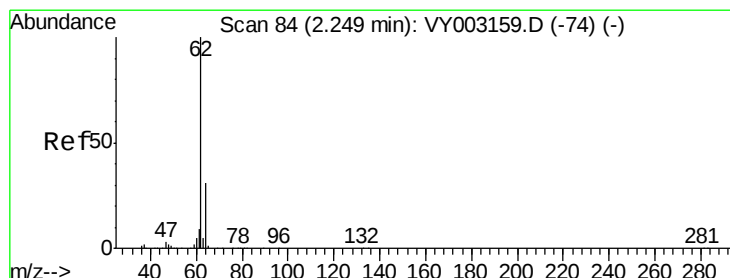
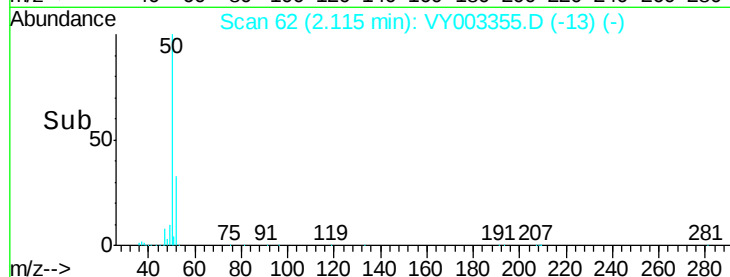
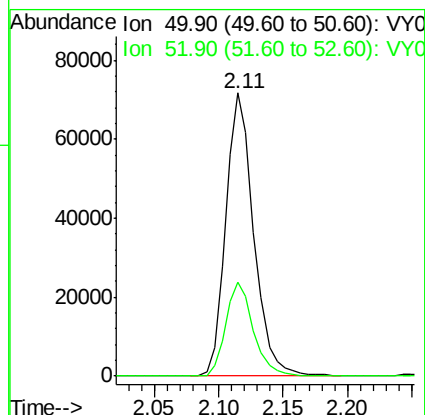
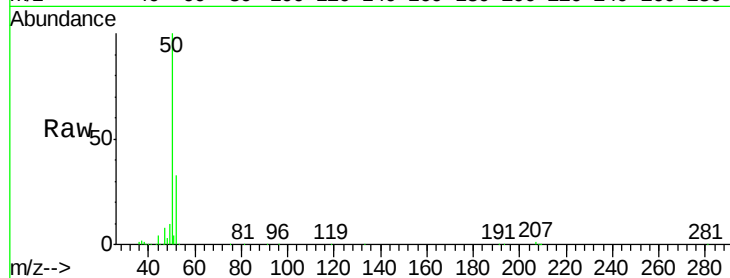
VY0727SBS01

Tot Ion: 50 Resp: 109579

Ion Ratio Lower Upper

50 100

52 33.3 26.6 39.8



#4

Vinyl Chloride

Concen: 20.937 ug/l

RT: 2.26 min Scan# 85

Delta R.T. 0.01 min

Lab File: VY003355.D

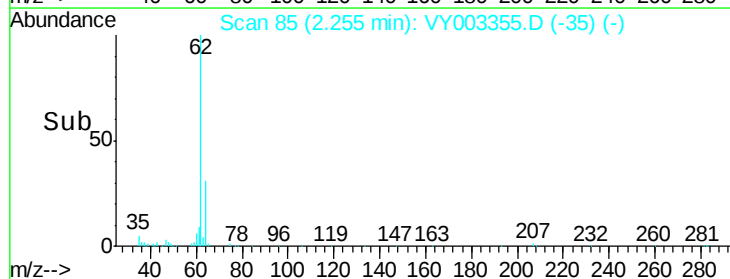
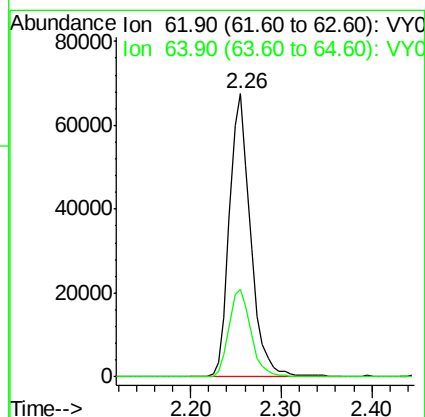
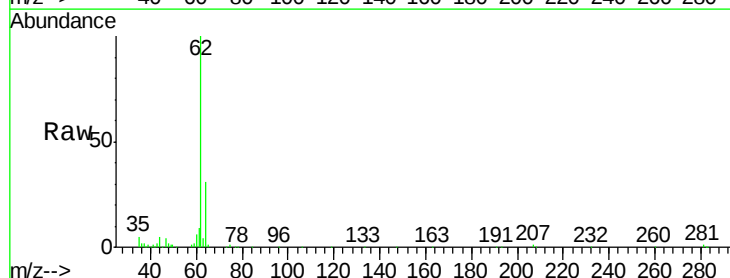
Acq: 27 Jul 2020 14:34

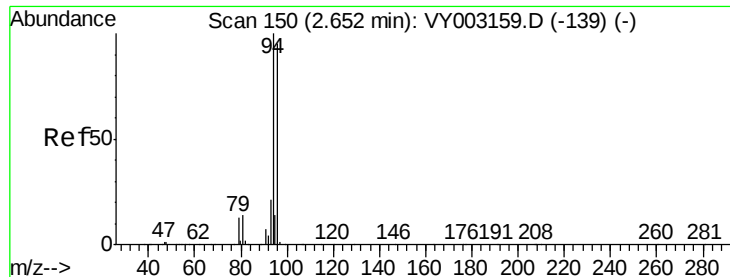
Tgt Ion: 62 Resp: 109657

Ion Ratio Lower Upper

62 100

64 31.1 24.6 37.0





#5

Bromomethane

Concen: 22.283 ug/l

RT: 2.64 min Scan# 148

Delta R.T. -0.01 min

Lab File: VY003355.D

Acq: 27 Jul 2020 14:34

Instrument :

MSVOA_Y

ClientSampleId :

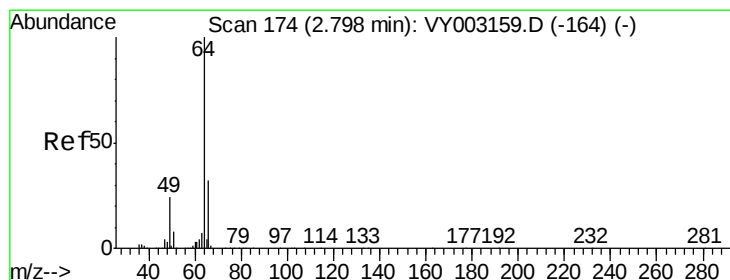
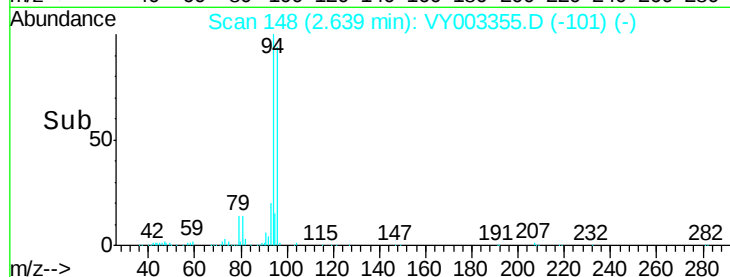
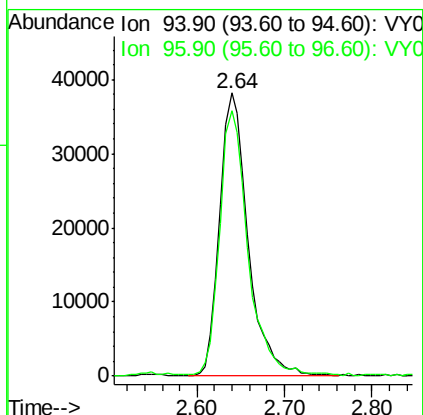
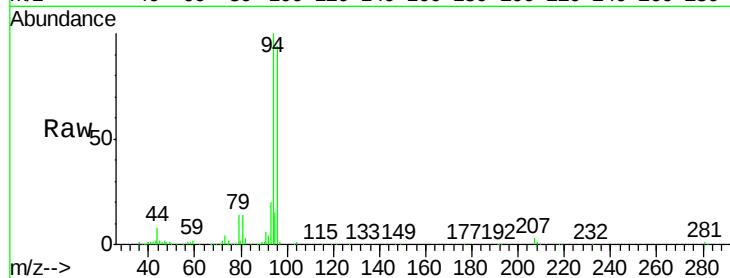
VY0727SBS01

Tot Ion: 94 Resp: 86684

Ion Ratio Lower Upper

94 100

96 93.3 76.0 114.0



#6

Chloroethane

Concen: 20.263 ug/l

RT: 2.80 min Scan# 174

Delta R.T. -0.00 min

Lab File: VY003355.D

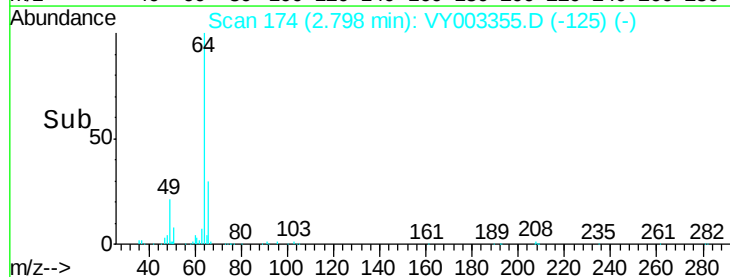
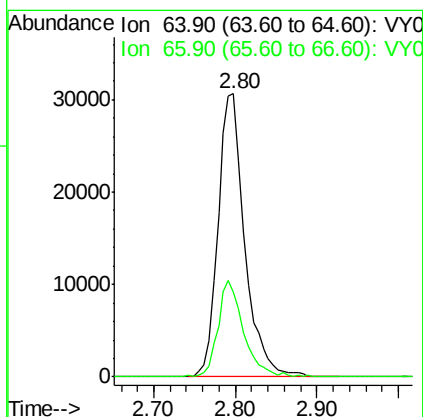
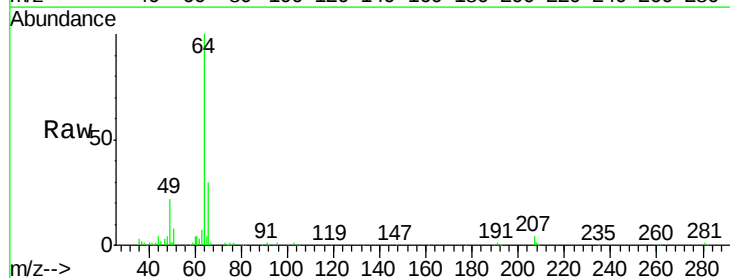
Acq: 27 Jul 2020 14:34

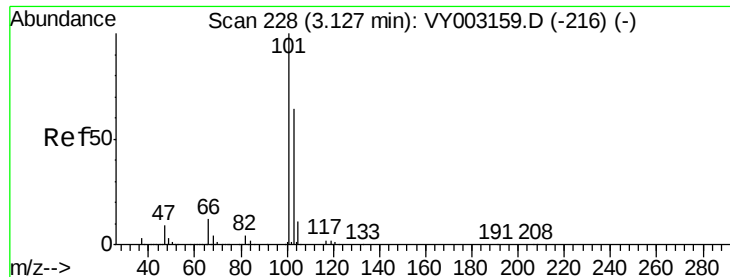
Tgt Ion: 64 Resp: 69704

Ion Ratio Lower Upper

64 100

66 30.1 26.0 39.0



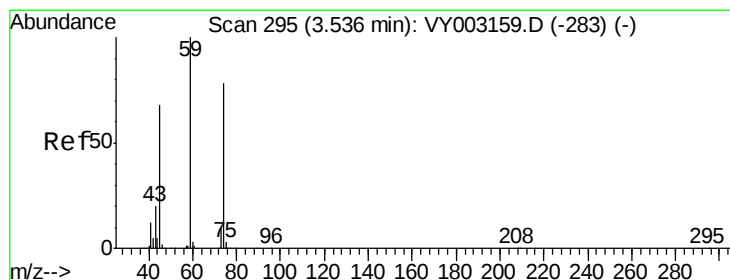
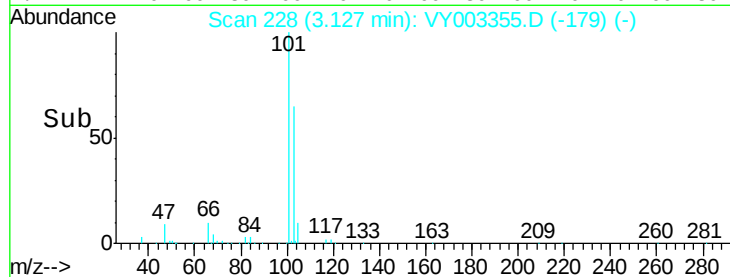
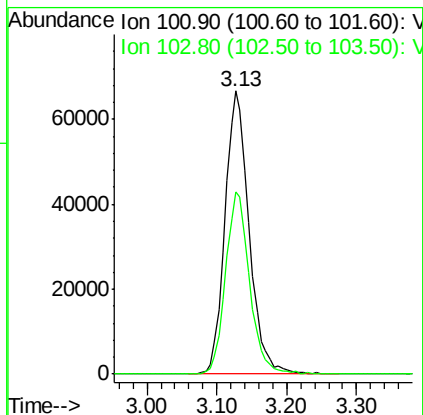
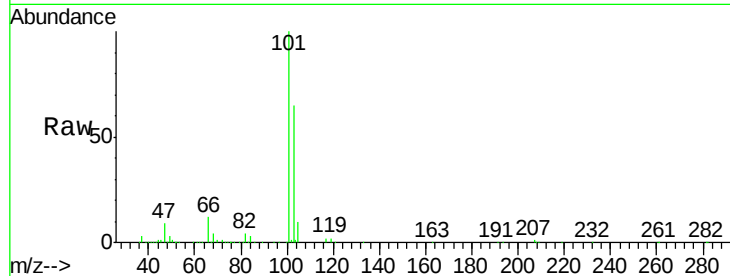


#7

Trichlorofluoromethane
Concen: 21.335 ug/l
RT: 3.13 min Scan# 228
Delta R.T. -0.00 min
Lab File: VY003355.D
Acq: 27 Jul 2020 14:34

Instrument :
MSVOA_Y
ClientSampleId :
VY0727SBS01

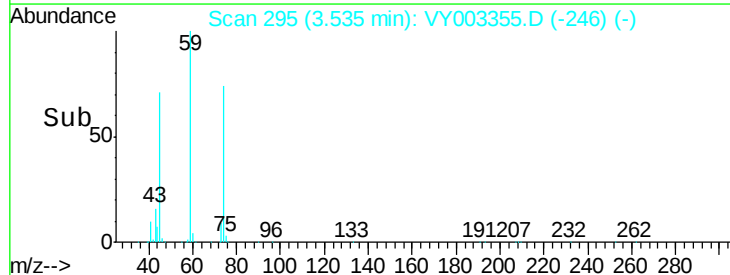
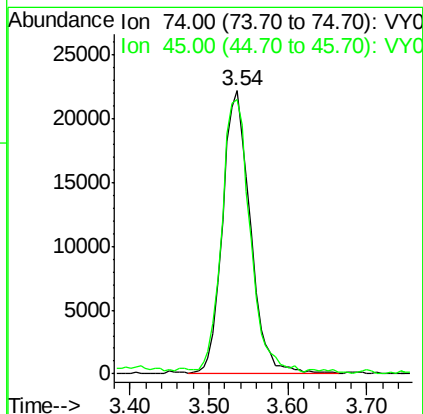
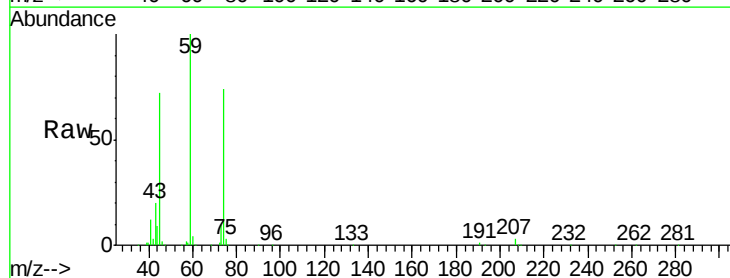
Tot Ion:101 Resp: 159577
Ion Ratio Lower Upper
101 100
103 64.6 51.3 76.9

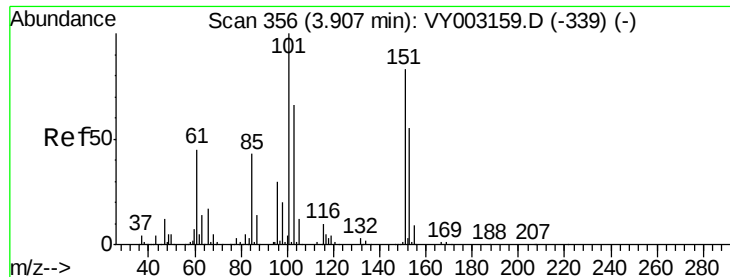


#8

Diethyl Ether
Concen: 21.723 ug/l
RT: 3.54 min Scan# 295
Delta R.T. -0.00 min
Lab File: VY003355.D
Acq: 27 Jul 2020 14:34

Tgt Ion: 74 Resp: 54445
Ion Ratio Lower Upper
74 100
45 98.0 45.3 135.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.365 ug/l

RT: 3.90 min Scan# 355

Delta R.T. -0.01 min

Lab File: VY003355.D

Acq: 27 Jul 2020 14:34

Instrument :

MSVOA_Y

ClientSampleId :

VY0727SBS01

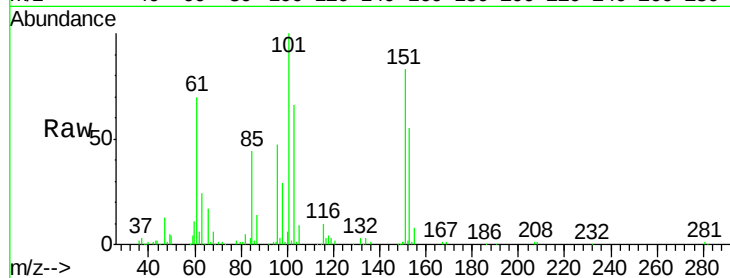
Tot Ion:101 Resp: 96512

Ion Ratio Lower Upper

101 100

85 44.6 34.9 52.3

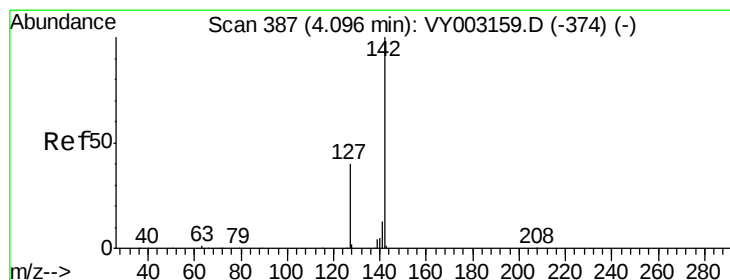
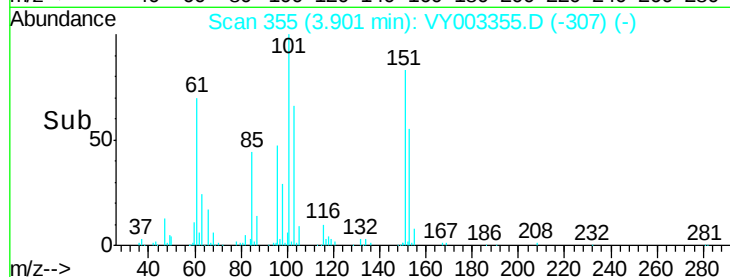
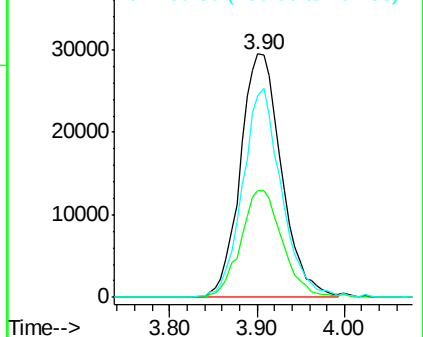
151 80.8 67.0 100.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VY0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 19.432 ug/l

RT: 4.10 min Scan# 387

Delta R.T. -0.00 min

Lab File: VY003355.D

Acq: 27 Jul 2020 14:34

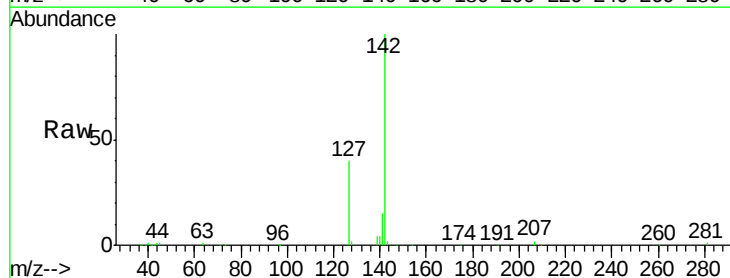
Tgt Ion:142 Resp: 95366

Ion Ratio Lower Upper

142 100

127 43.6 33.5 50.3

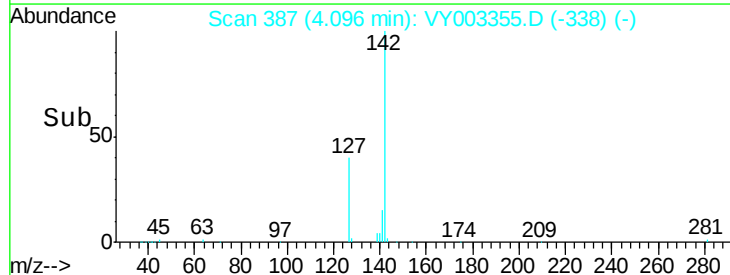
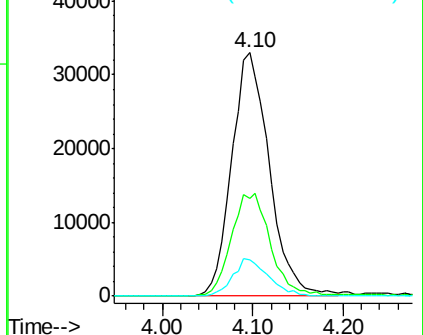
141 14.5 11.2 16.8

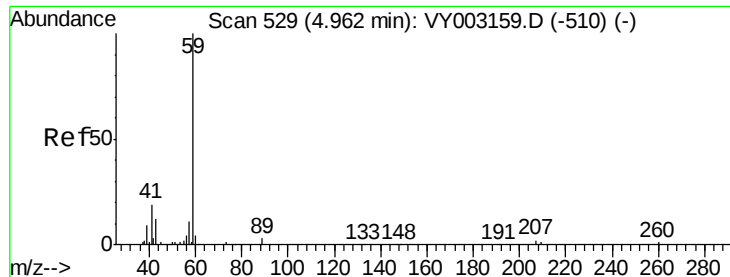


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

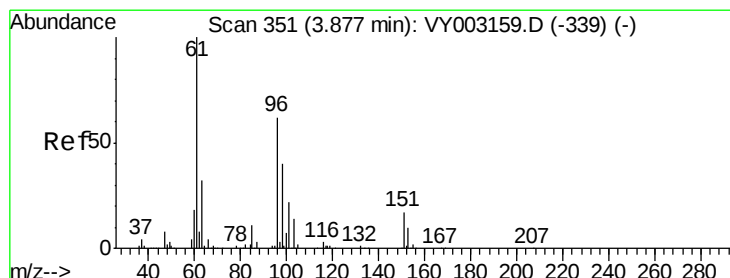
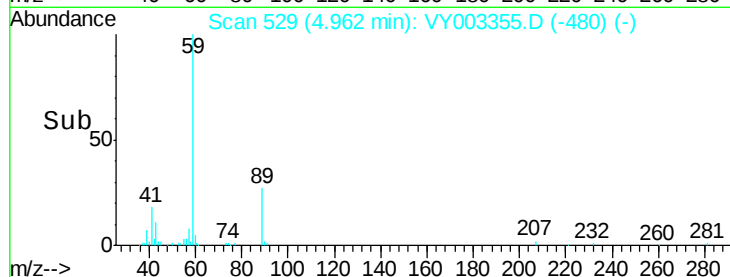
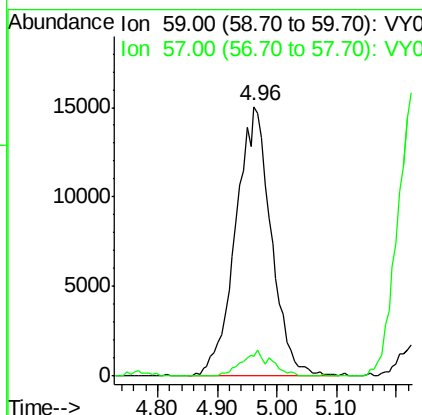
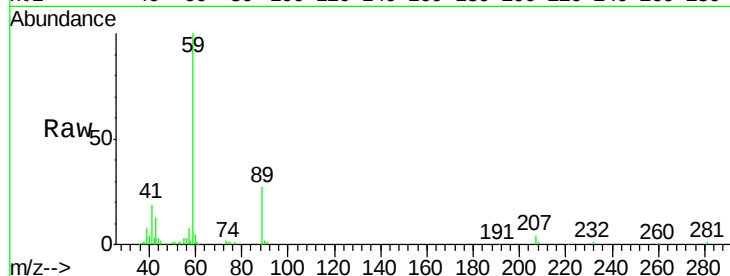




#11
Tert butyl alcohol
Concen: 133.061 ug/l
RT: 4.96 min Scan# 529
Delta R.T. -0.00 min
Lab File: VY003355.D
Acq: 27 Jul 2020 14:34

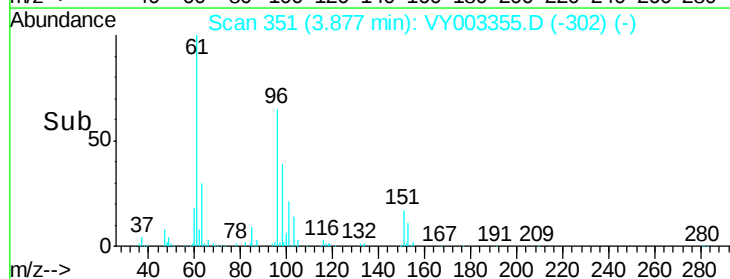
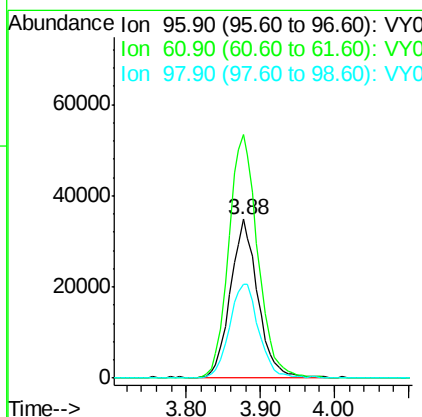
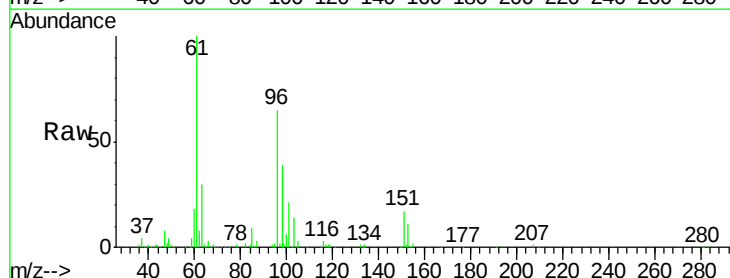
Instrument :
MSVOA_Y
ClientSampleId :
VY0727SBS01

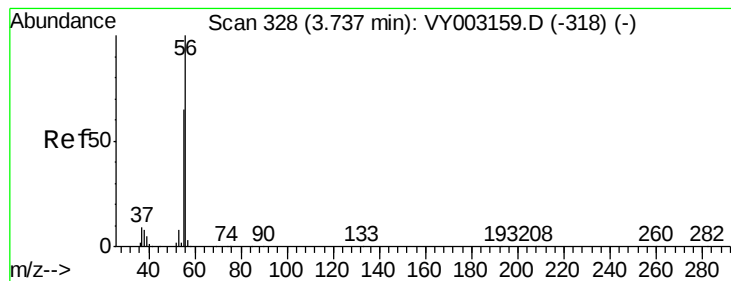
Tot Ion: 59 Resp: 62354
Ion Ratio Lower Upper
59 100
57 5.6 8.4 12.6#



#12
1,1-Dichloroethene
Concen: 21.210 ug/l
RT: 3.88 min Scan# 351
Delta R.T. -0.00 min
Lab File: VY003355.D
Acq: 27 Jul 2020 14:34

Tgt Ion: 96 Resp: 90621
Ion Ratio Lower Upper
96 100
61 153.6 128.6 193.0
98 59.2 51.6 77.4





#13

Acrolein

Concen: 66.752 ug/l

RT: 3.74 min Scan# 328

Delta R.T. -0.00 min

Lab File: VY003355.D

Acq: 27 Jul 2020 14:34

Instrument :

MSVOA_Y

ClientSampleId :

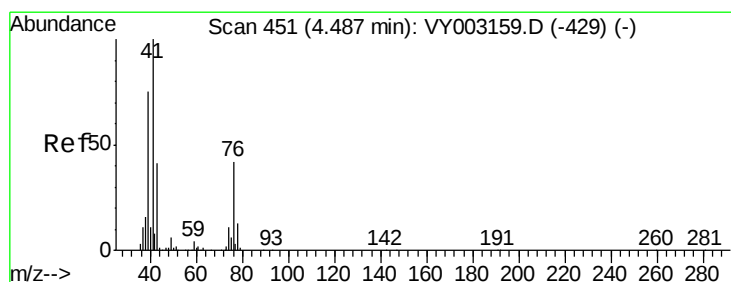
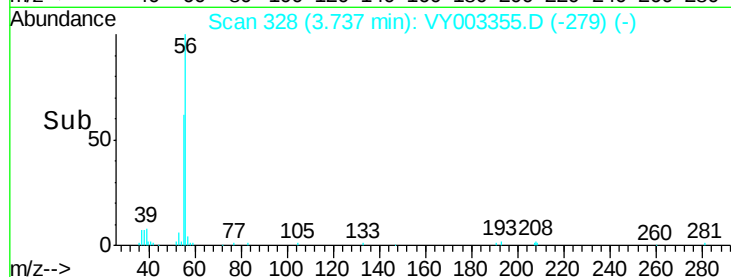
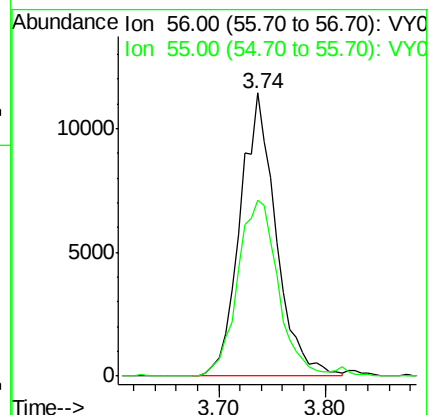
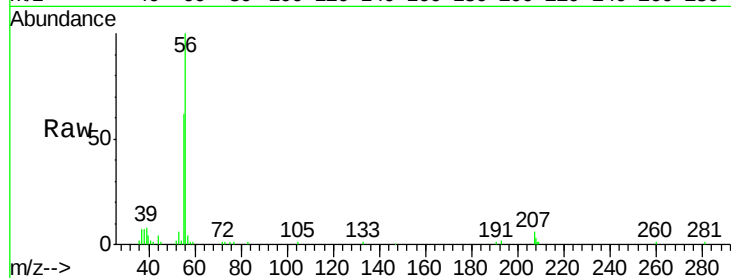
VY0727SBS01

Tot Ion: 56 Resp: 27151

Ion Ratio Lower Upper

56 100

55 69.3 56.0 84.0



#14

Allyl chloride

Concen: 23.017 ug/l

RT: 4.49 min Scan# 451

Delta R.T. -0.00 min

Lab File: VY003355.D

Acq: 27 Jul 2020 14:34

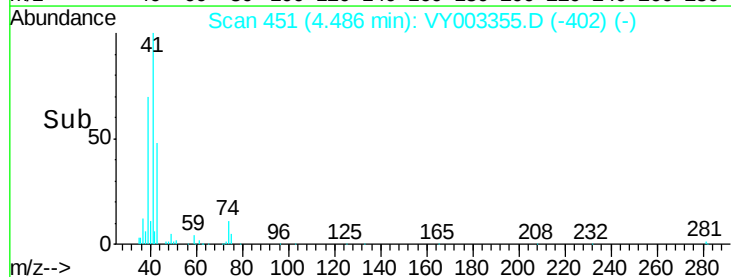
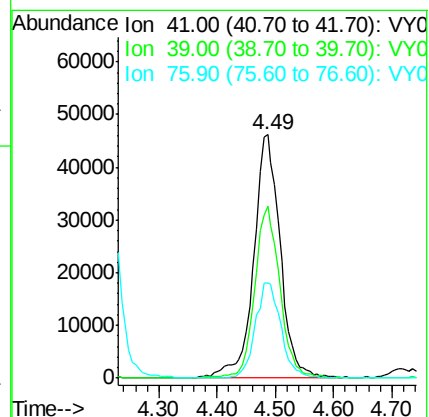
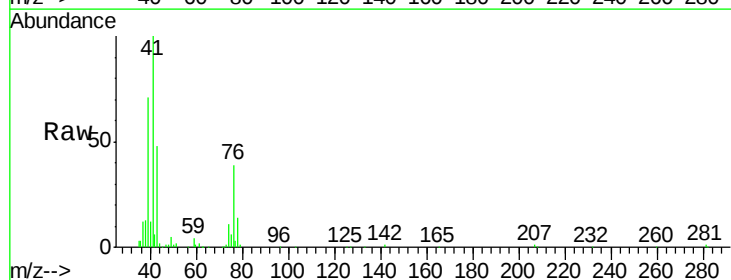
Tgt Ion: 41 Resp: 145927

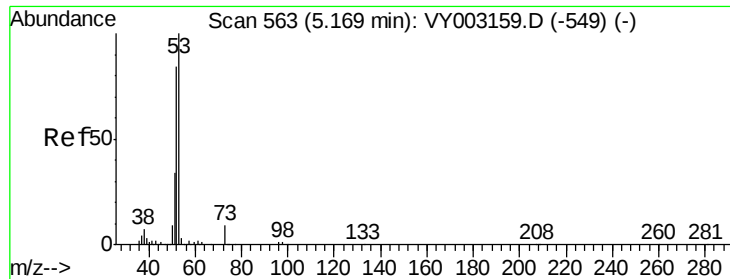
Ion Ratio Lower Upper

41 100

39 65.3 56.6 85.0

76 37.7 31.6 47.4





#15

Acrylonitrile

Concen: 115.376 ug/l

RT: 5.18 min Scan# 564

Delta R.T. 0.01 min

Lab File: VY003355.D

Acq: 27 Jul 2020 14:34

Instrument :

MSVOA_Y

ClientSampleId :

VY0727SBS01

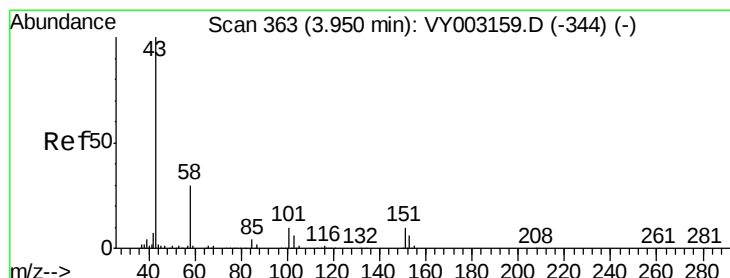
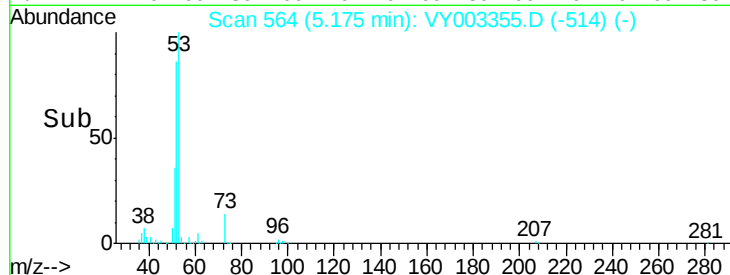
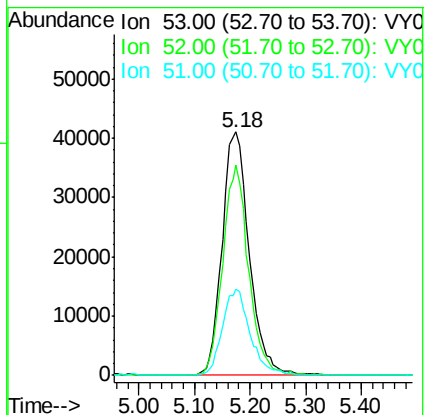
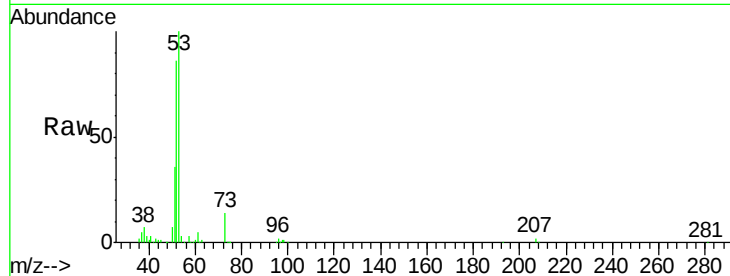
Tot Ion: 53 Resp: 138906

Ion Ratio Lower Upper

53 100

52 81.6 65.8 98.6

51 36.1 29.0 43.4



#16

Acetone

Concen: 116.389 ug/l

RT: 3.96 min Scan# 364

Delta R.T. 0.01 min

Lab File: VY003355.D

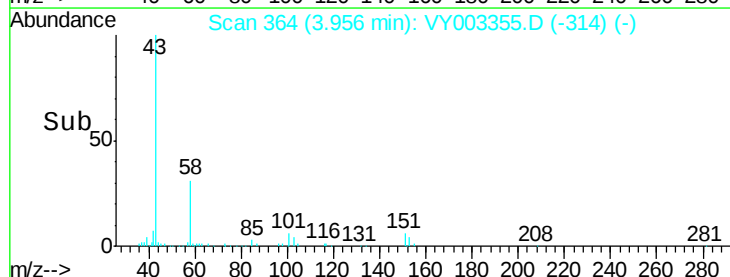
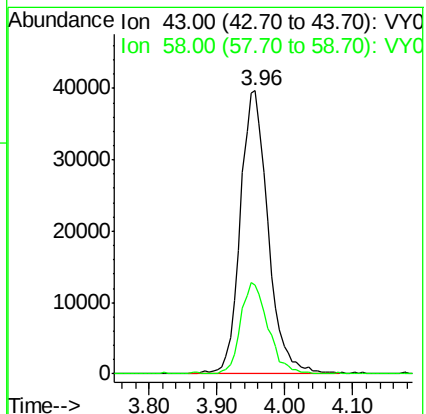
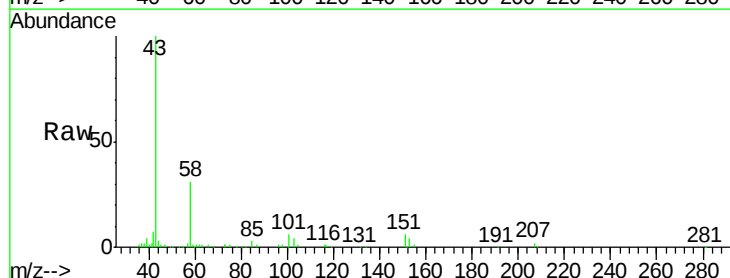
Acq: 27 Jul 2020 14:34

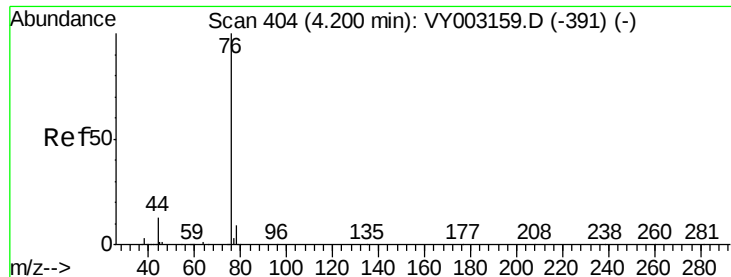
Tgt Ion: 43 Resp: 112667

Ion Ratio Lower Upper

43 100

58 30.8 23.8 35.6





#17

Carbon Disulfide

Concen: 20.989 ug/l

RT: 4.20 min Scan# 404

Delta R.T. -0.00 min

Lab File: VY003355.D

Acq: 27 Jul 2020 14:34

Instrument :

MSVOA_Y

ClientSampleId :

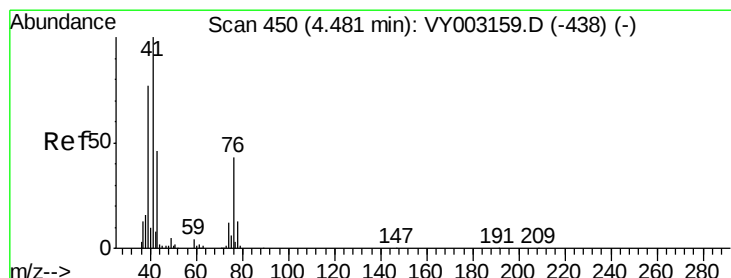
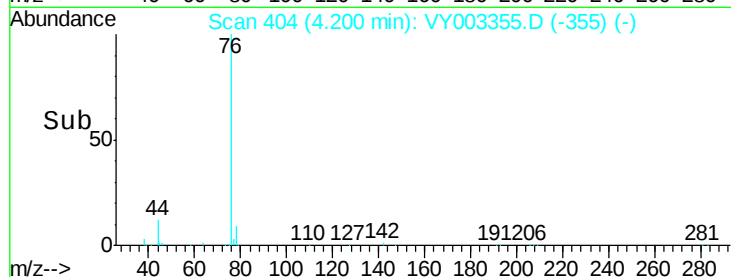
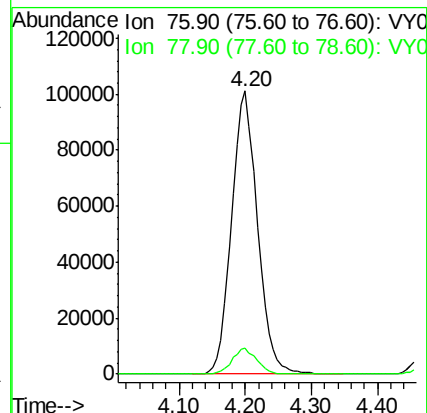
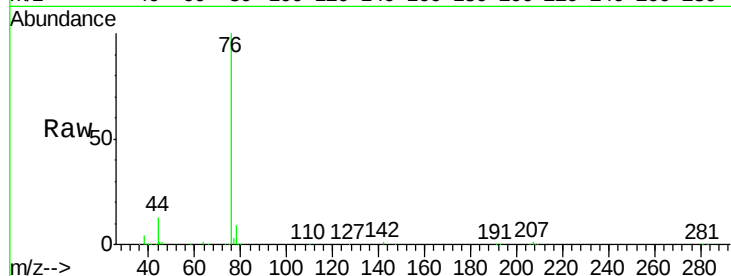
VY0727SBS01

Tot Ion: 76 Resp: 275188

Ion Ratio Lower Upper

76 100

78 9.2 7.3 10.9



#18

Methyl Acetate

Concen: 24.162 ug/l

RT: 4.49 min Scan# 451

Delta R.T. 0.01 min

Lab File: VY003355.D

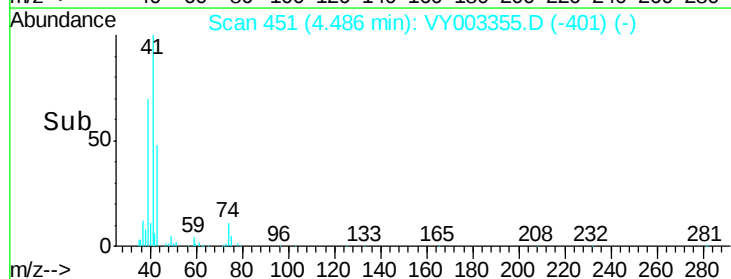
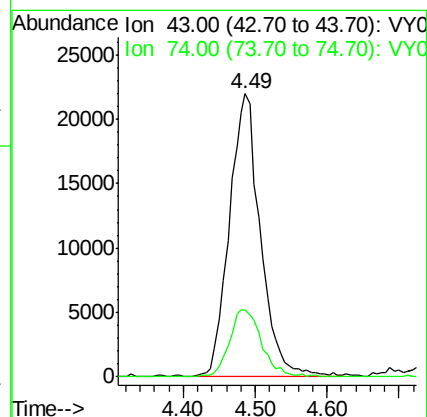
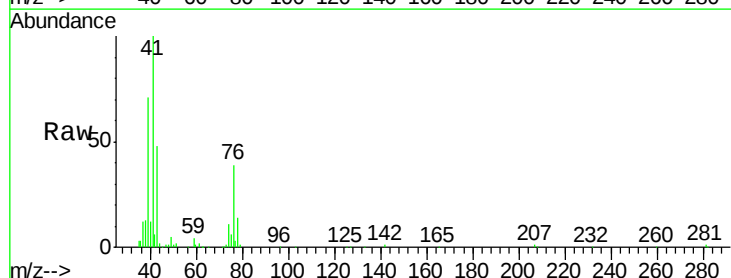
Acq: 27 Jul 2020 14:34

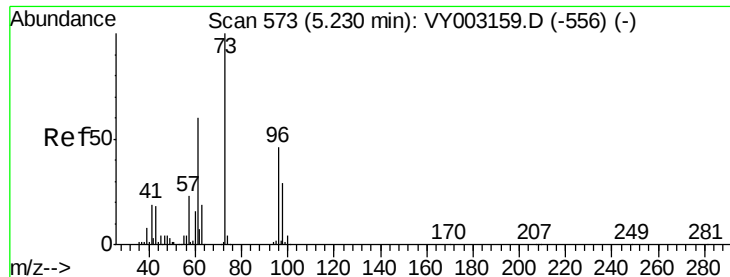
Tgt Ion: 43 Resp: 64954

Ion Ratio Lower Upper

43 100

74 24.8 20.8 31.2

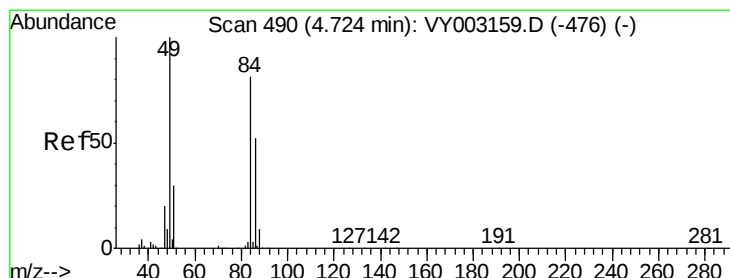
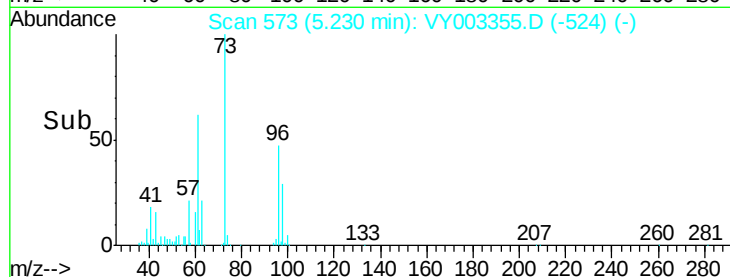
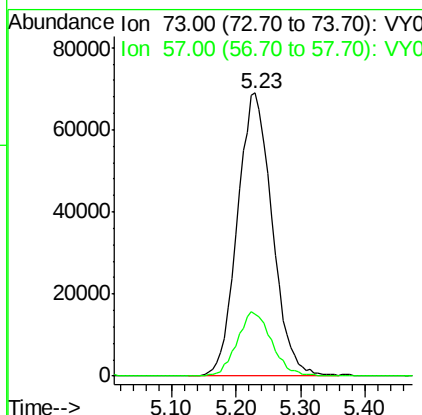
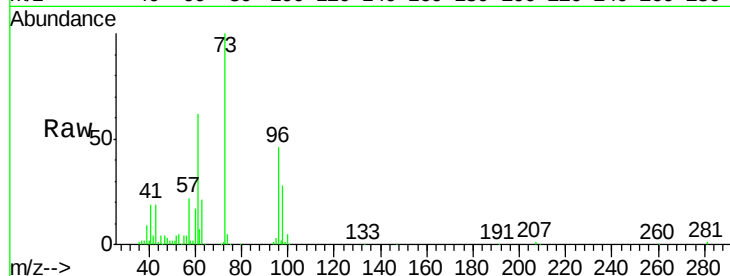




#19
Methyl tert-butyl Ether
Concen: 21.398 ug/l
RT: 5.23 min Scan# 573
Delta R.T. -0.00 min
Lab File: VY003355.D
Acq: 27 Jul 2020 14:34

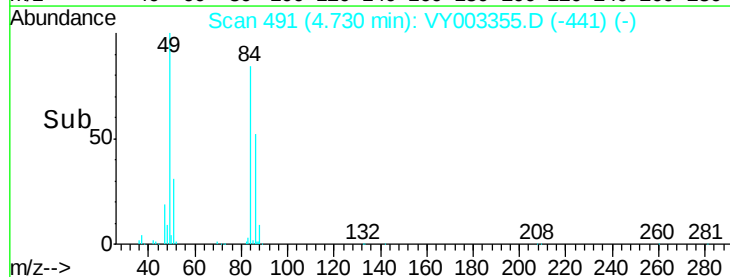
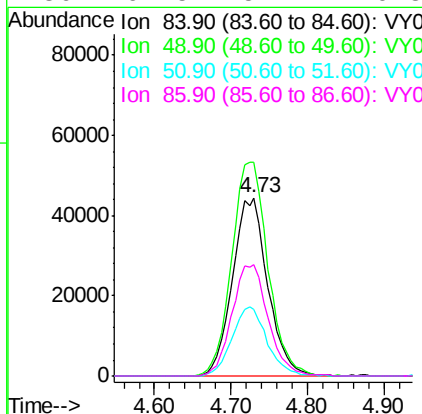
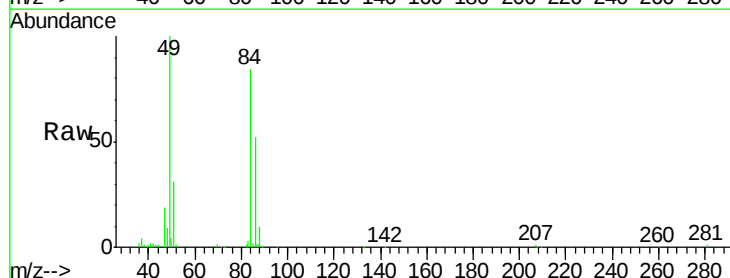
Instrument :
MSVOA_Y
ClientSampleId :
VY0727SBS01

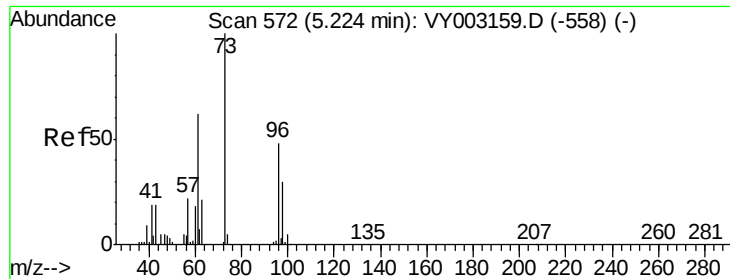
Tot Ion: 73 Resp: 256211
Ion Ratio Lower Upper
73 100
57 22.0 18.1 27.1



#20
Methylene Chloride
Concen: 26.569 ug/l
RT: 4.73 min Scan# 491
Delta R.T. 0.01 min
Lab File: VY003355.D
Acq: 27 Jul 2020 14:34

Tgt Ion: 84 Resp: 141946
Ion Ratio Lower Upper
84 100
49 119.5 98.2 147.4
51 37.1 29.8 44.6
86 62.5 51.2 76.8





#21

trans-1,2-Dichloroethene

Concen: 21.226 ug/l

RT: 5.23 min Scan# 573

Delta R.T. 0.01 min

Lab File: VY003355.D

Acq: 27 Jul 2020 14:34

Instrument :

MSVOA_Y

ClientSampleId :

VY0727SBS01

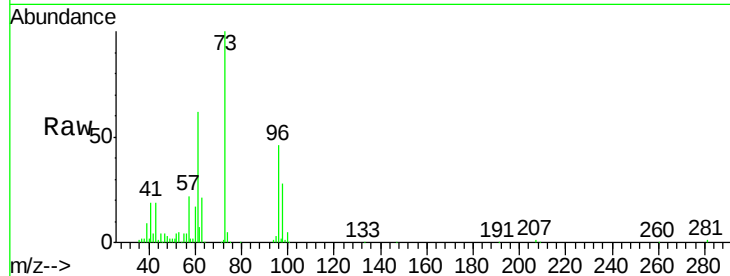
Tot Ion: 96 Resp: 102576

Ion Ratio Lower Upper

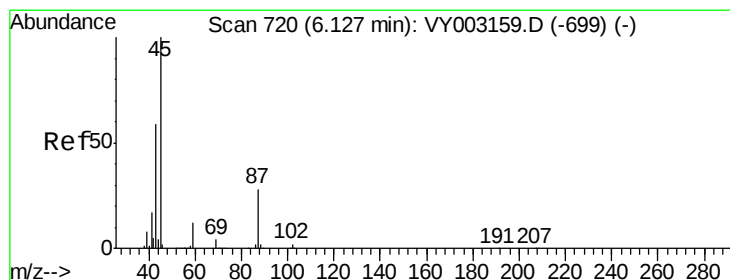
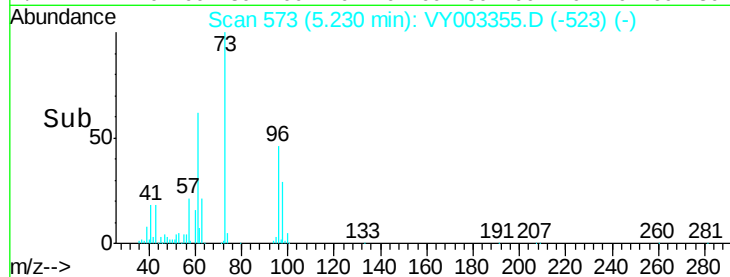
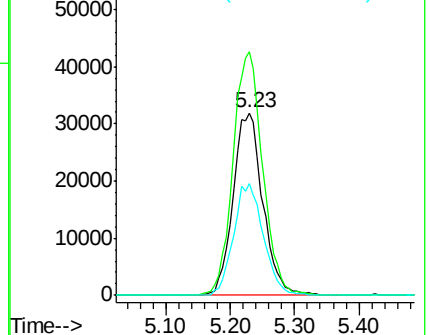
96 100

61 133.2 102.5 153.7

98 61.3 49.8 74.8



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: 22.539 ug/l

RT: 6.12 min Scan# 719

Delta R.T. -0.01 min

Lab File: VY003355.D

Acq: 27 Jul 2020 14:34

Tgt Ion: 45 Resp: 317135

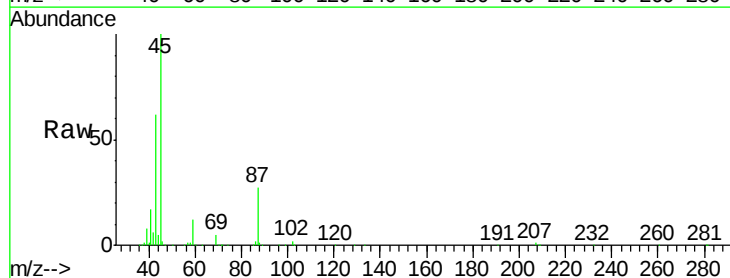
Ion Ratio Lower Upper

45 100

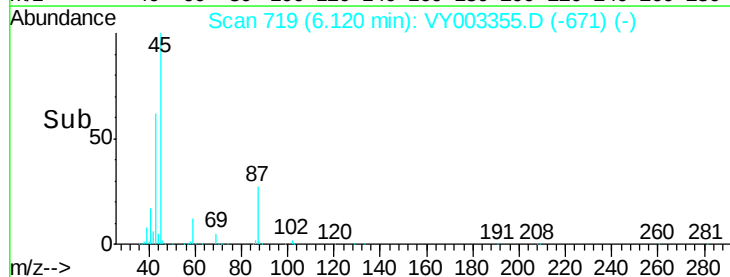
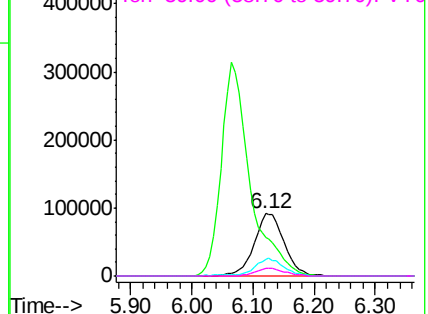
43 61.4 47.0 70.4

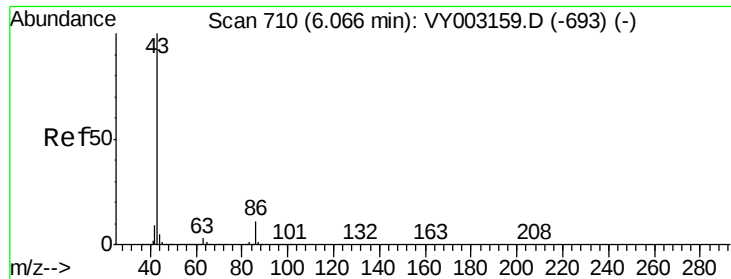
87 27.0 22.6 33.8

59 11.6 9.8 14.6



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: 109.724 ug/l

RT: 6.07 min Scan# 710

Delta R.T. -0.00 min

Lab File: VY003355.D

Acq: 27 Jul 2020 14:34

Instrument :

MSVOA_Y

ClientSampleId :

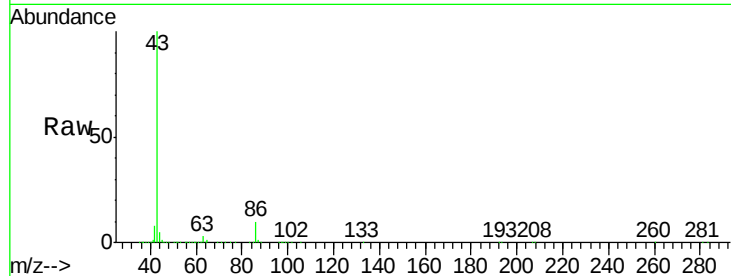
VY0727SBS01

Tot Ion: 43 Resp: 1029030

Ion Ratio Lower Upper

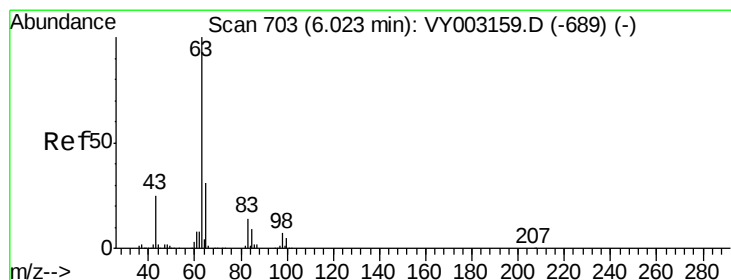
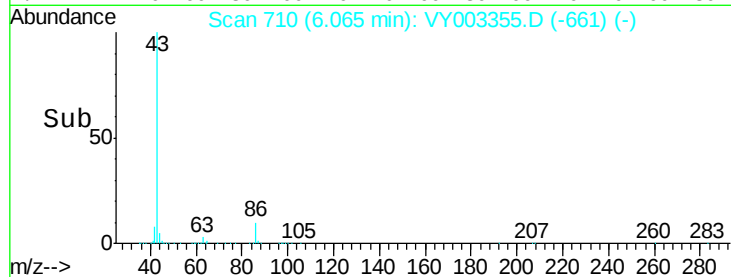
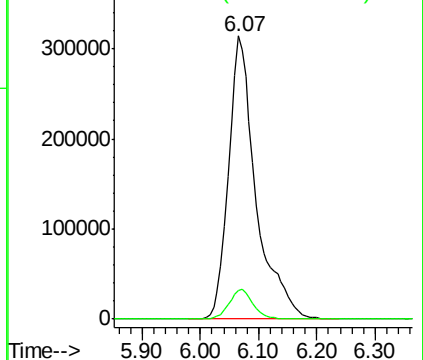
43 100

86 10.2 8.8 13.2



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0



#24

1,1-Dichloroethane

Concen: 21.813 ug/l

RT: 6.02 min Scan# 703

Delta R.T. -0.00 min

Lab File: VY003355.D

Acq: 27 Jul 2020 14:34

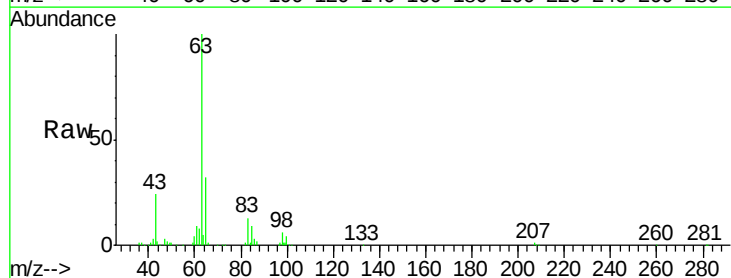
Tgt Ion: 63 Resp: 177811

Ion Ratio Lower Upper

63 100

98 6.5 3.6 10.8

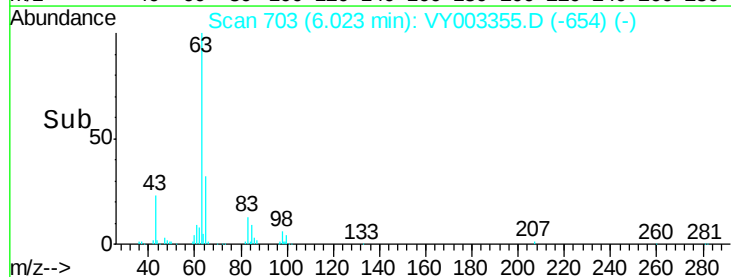
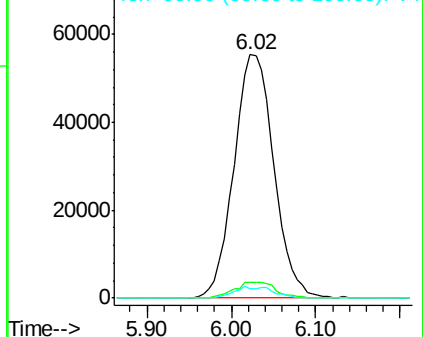
100 3.9 2.4 7.2



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: 113.812 ug/l

RT: 6.99 min Scan# 862

Delta R.T. -0.00 min

Lab File: VY003355.D

Acq: 27 Jul 2020 14:34

Instrument :

MSVOA_Y

ClientSampleId :

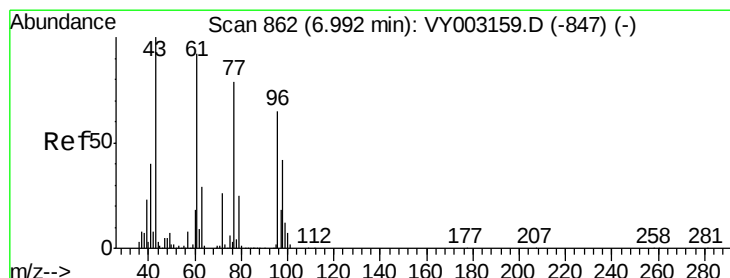
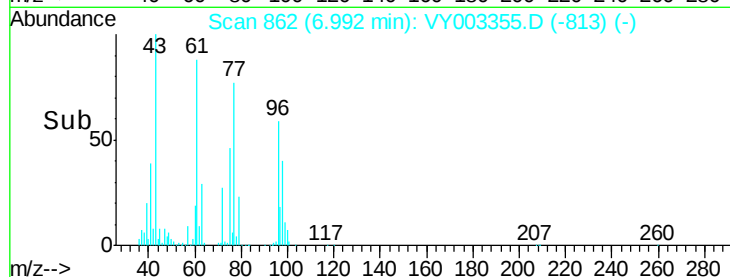
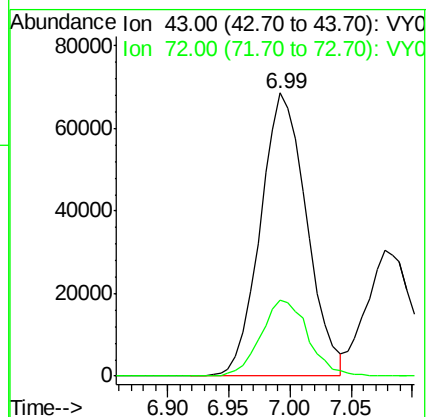
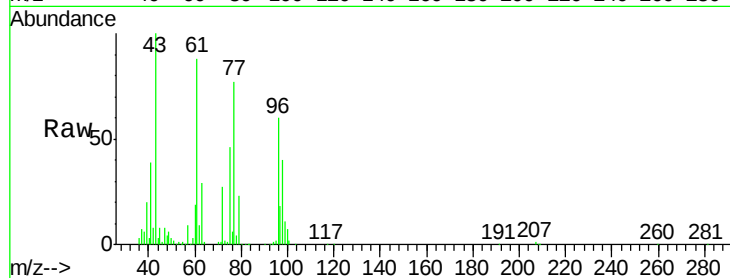
VY0727SBS01

Tot Ion: 43 Resp: 180893

Ion Ratio Lower Upper

43 100

72 26.7 20.9 31.3



#26

2,2-Dichloropropane

Concen: 22.454 ug/l

RT: 6.99 min Scan# 862

Delta R.T. -0.00 min

Lab File: VY003355.D

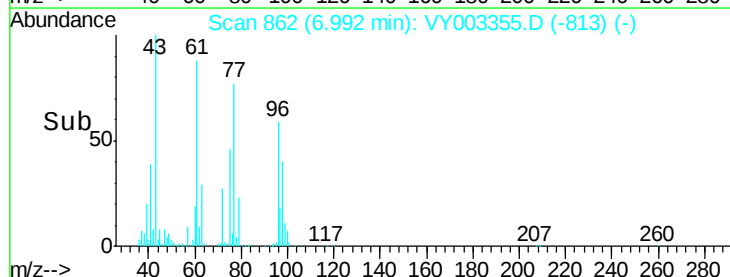
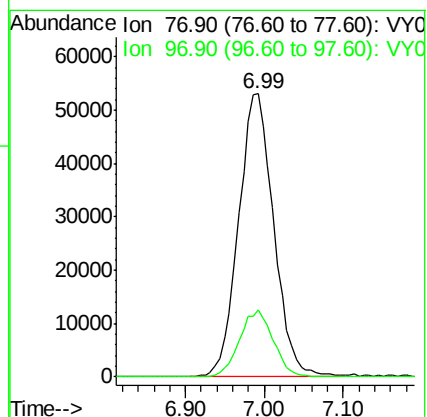
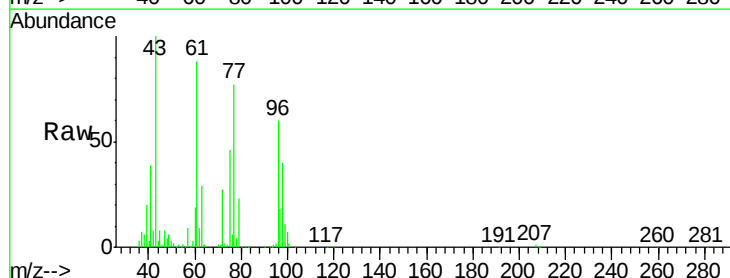
Acq: 27 Jul 2020 14:34

Tgt Ion: 77 Resp: 164837

Ion Ratio Lower Upper

77 100

97 22.4 11.6 34.7



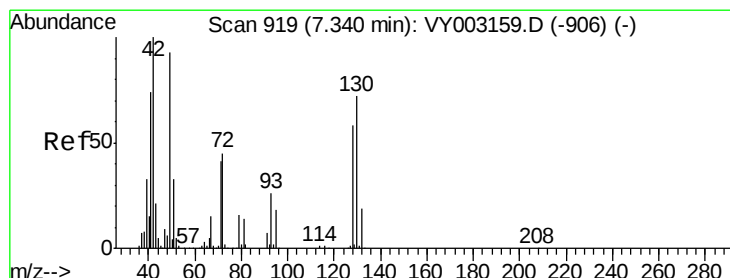
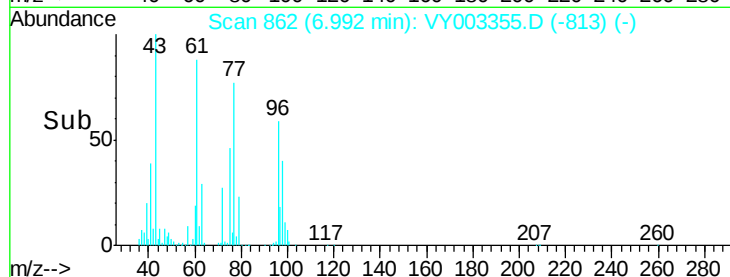
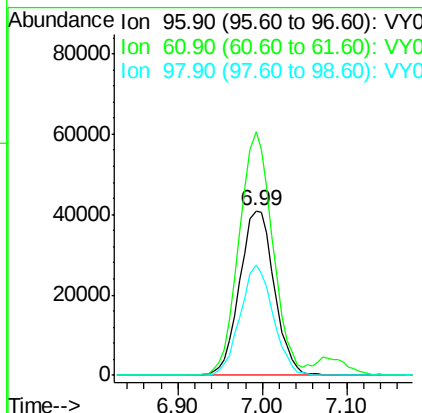
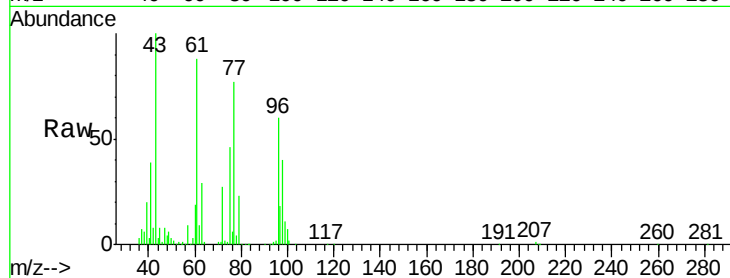


#27

cis-1,2-Dichloroethene
 Concen: 21.487 ug/l
 RT: 6.99 min Scan# 862
 Delta R.T. -0.00 min
 Lab File: VY003355.D
 Acq: 27 Jul 2020 14:34

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0727SBS01

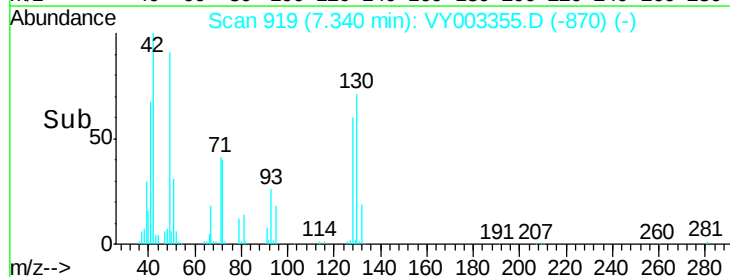
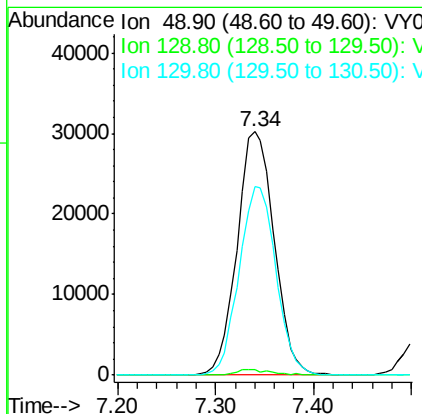
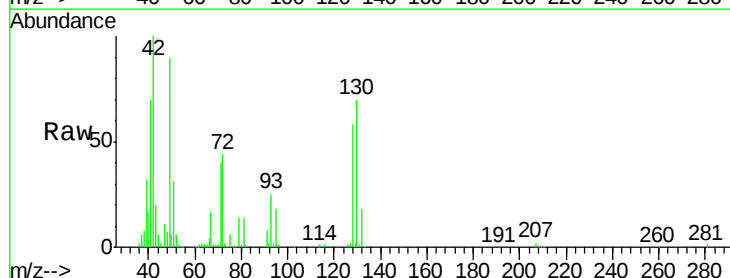
Tot Ion	96	Resp	114327
Ion	Ratio	Lower	Upper
96	100		
61	142.7	0.0	281.2
98	63.2	0.0	129.8

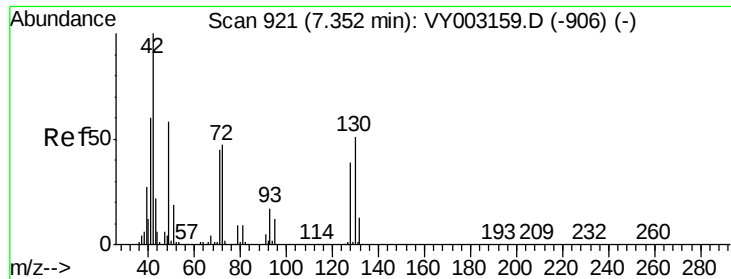


#28

Bromochloromethane
 Concen: 22.536 ug/l
 RT: 7.34 min Scan# 919
 Delta R.T. -0.00 min
 Lab File: VY003355.D
 Acq: 27 Jul 2020 14:34

Tgt Ion	49	Resp	79537
Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	5.0
130	77.0	64.9	97.3





#29

Tetrahydrofuran

Concen: 112.198 ug/l

RT: 7.35 min Scan# 921

Delta R.T. -0.00 min

Lab File: VY003355.D

Acq: 27 Jul 2020 14:34

Instrument :

MSVOA_Y

ClientSampleId :

VY0727SBS01

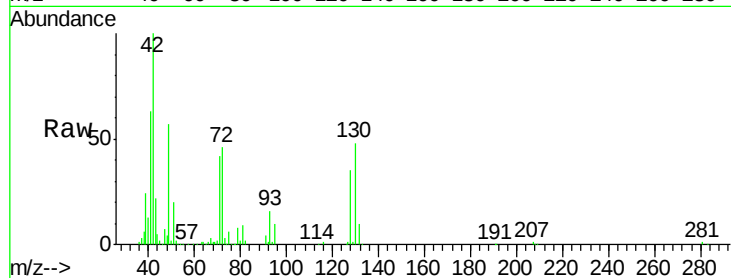
Tot Ion: 42 Resp: 119798

Ion Ratio Lower Upper

42 100

72 44.5 36.7 55.1

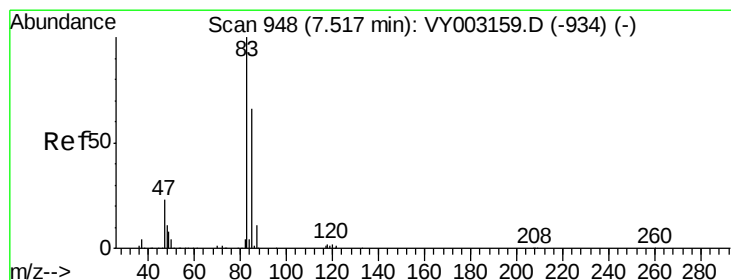
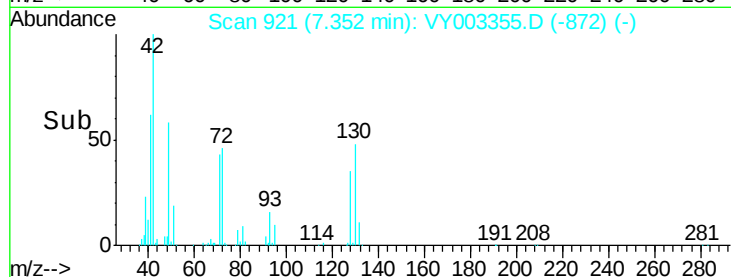
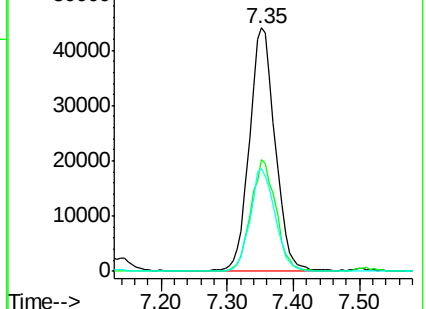
71 40.7 34.2 51.4



Abundance Ion 42.00 (41.70 to 42.70): VY0

Ion 72.00 (71.70 to 72.70): VY0

Ion 71.00 (70.70 to 71.70): VY0



#30

Chloroform

Concen: 21.602 ug/l

RT: 7.52 min Scan# 948

Delta R.T. -0.00 min

Lab File: VY003355.D

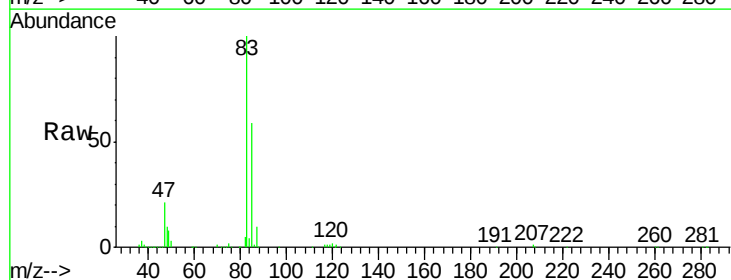
Acq: 27 Jul 2020 14:34

Tgt Ion: 83 Resp: 181368

Ion Ratio Lower Upper

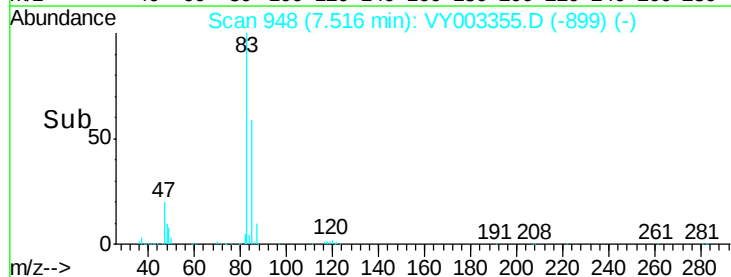
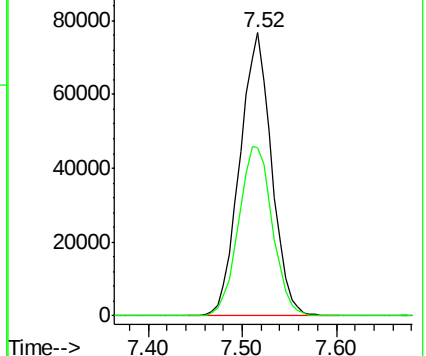
83 100

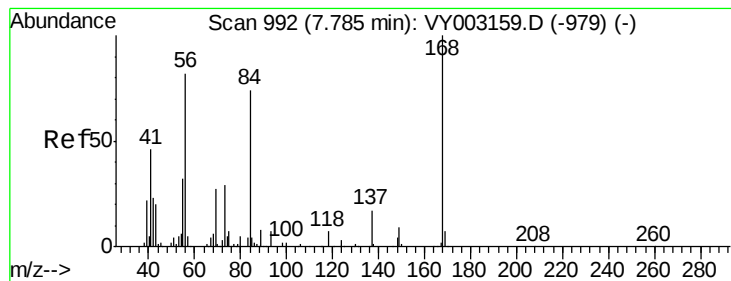
85 59.3 52.6 78.8



Abundance Ion 82.90 (82.60 to 83.60): VY0

Ion 84.90 (84.60 to 85.60): VY0





#31

Cyclohexane

Concen: 21.489 ug/l

RT: 7.79 min Scan# 993

Delta R.T. 0.01 min

Lab File: VY003355.D

Acq: 27 Jul 2020 14:34

Instrument :

MSVOA_Y

ClientSampleId :

VY0727SBS01

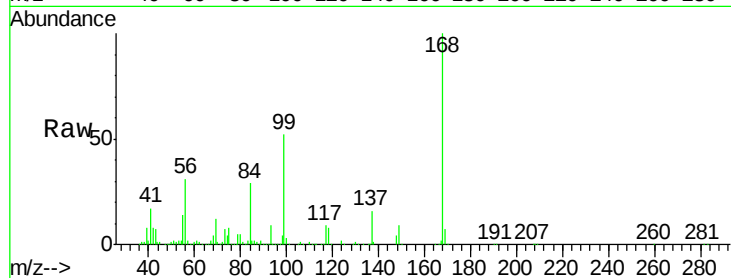
Tot Ion: 56 Resp: 169386

Ion Ratio Lower Upper

56 100

69 38.4 26.7 40.1

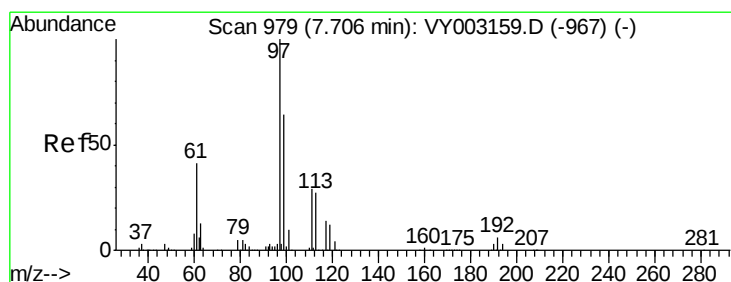
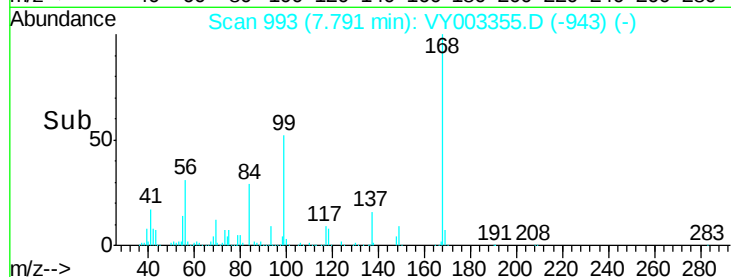
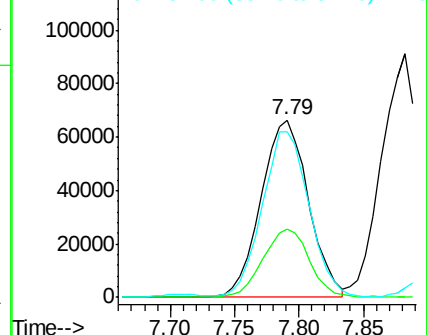
84 91.6 72.3 108.5



Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 69.00 (68.70 to 69.70): VY0

Ion 84.00 (83.70 to 84.70): VY0



#32

1,1,1-Trichloroethane

Concen: 21.632 ug/l

RT: 7.71 min Scan# 979

Delta R.T. -0.00 min

Lab File: VY003355.D

Acq: 27 Jul 2020 14:34

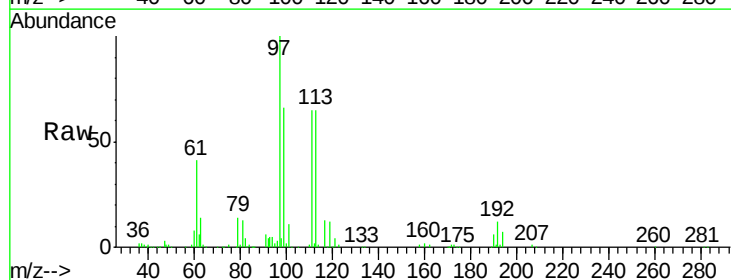
Tgt Ion: 97 Resp: 163503

Ion Ratio Lower Upper

97 100

99 63.4 52.1 78.1

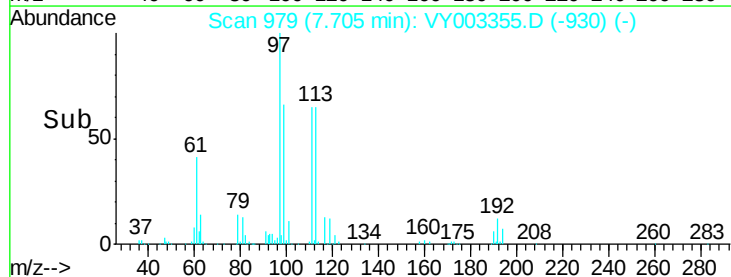
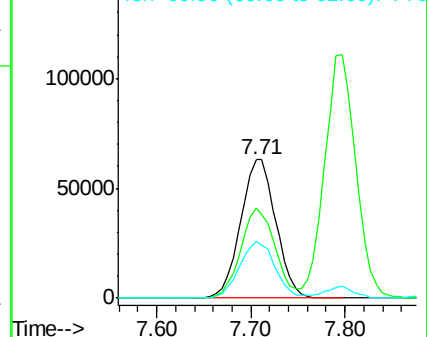
61 41.4 33.9 50.9

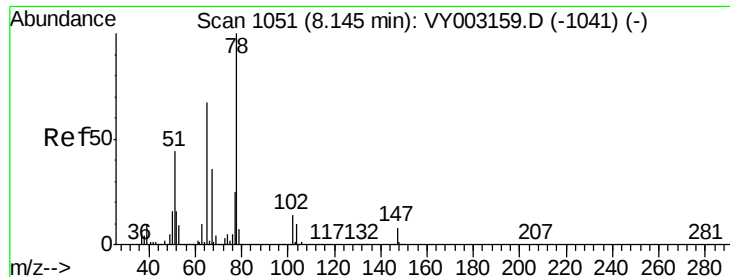


Abundance Ion 96.90 (96.60 to 97.60): VY0

Ion 98.90 (98.60 to 99.60): VY0

Ion 60.90 (60.60 to 61.60): VY0

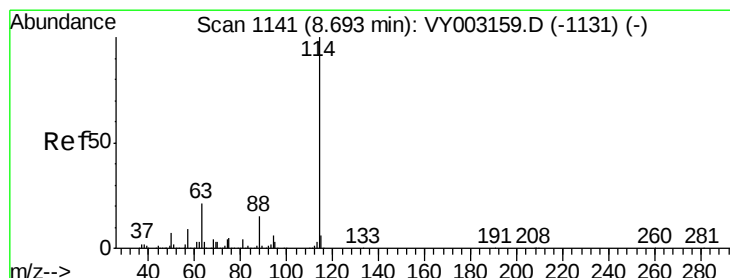
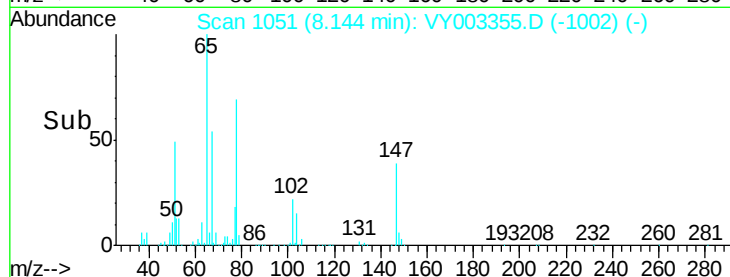
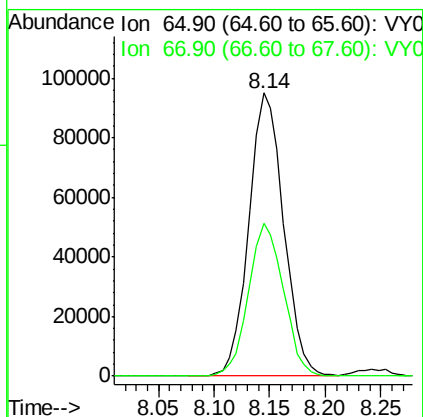
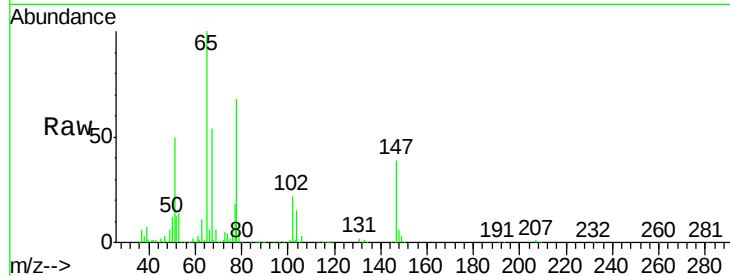




#33
 1,2-Dichloroethane-d4
 Concen: 47.774 ug/l
 RT: 8.14 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VY003355.D
 Acq: 27 Jul 2020 14:34

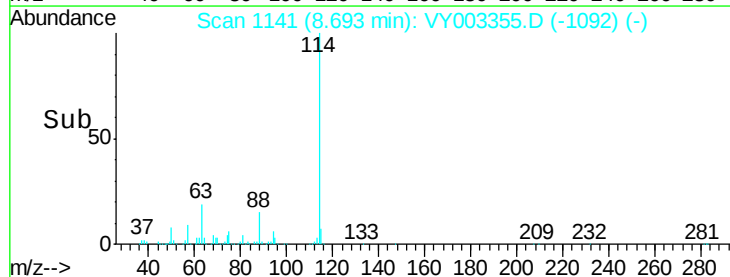
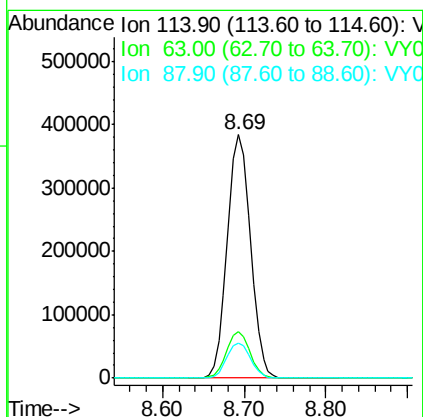
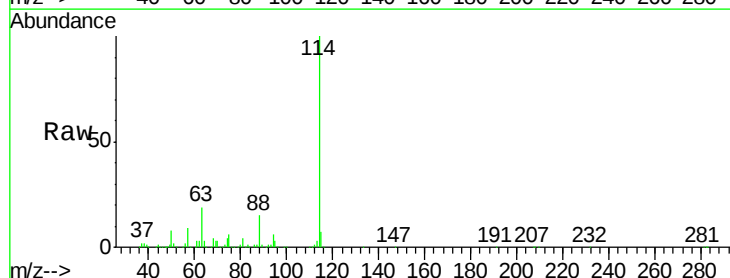
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0727SBS01

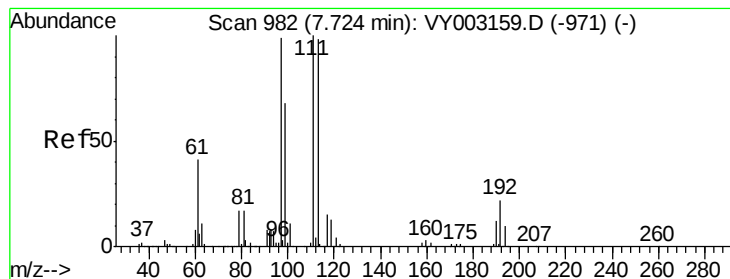
Tot Ion: 65 Resp: 207041
 Ion Ratio Lower Upper
 65 100
 67 54.5 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.00 min
 Lab File: VY003355.D
 Acq: 27 Jul 2020 14:34

Tgt Ion: 114 Resp: 755577
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 41.2
 88 14.5 0.0 30.2





#35

Dibromofluoromethane

Concen: 46.465 ug/l

RT: 7.72 min Scan# 982

Delta R.T. -0.00 min

Lab File: VY003355.D

Acq: 27 Jul 2020 14:34

Instrument :

MSVOA_Y

ClientSampleId :

VY0727SBS01

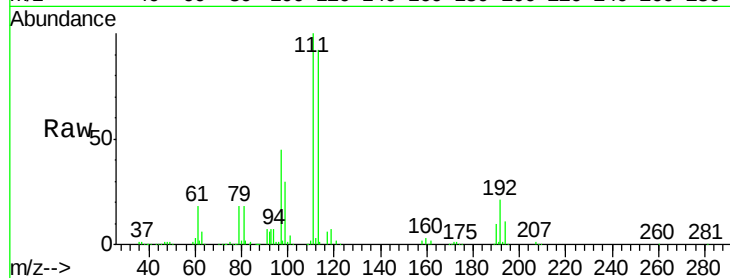
Tot Ion:113 Resp: 202038

Ion Ratio Lower Upper

113 100

111 102.9 82.1 123.1

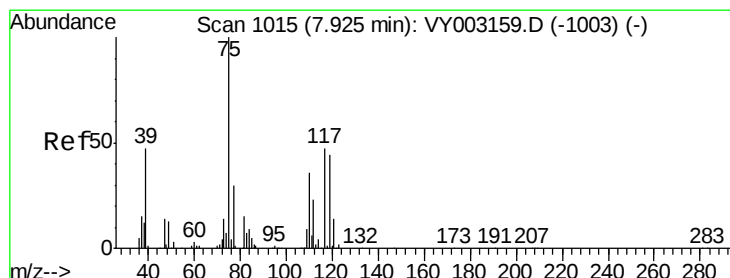
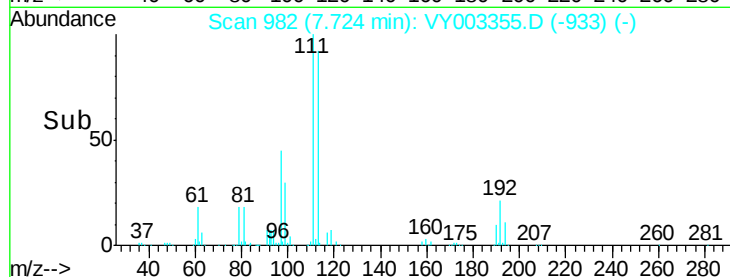
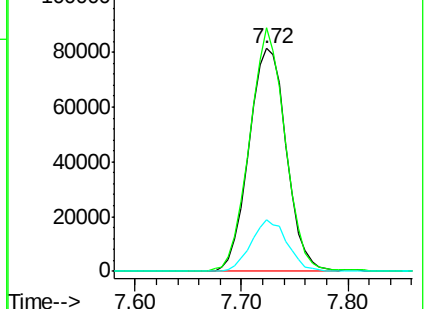
192 22.3 18.8 28.2



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: 20.705 ug/l

RT: 7.92 min Scan# 1014

Delta R.T. -0.01 min

Lab File: VY003355.D

Acq: 27 Jul 2020 14:34

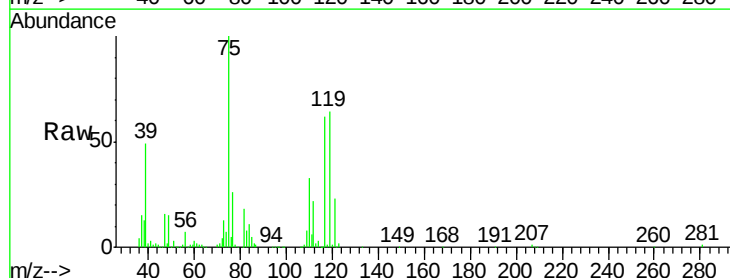
Tgt Ion: 75 Resp: 141787

Ion Ratio Lower Upper

75 100

110 36.4 18.1 54.1

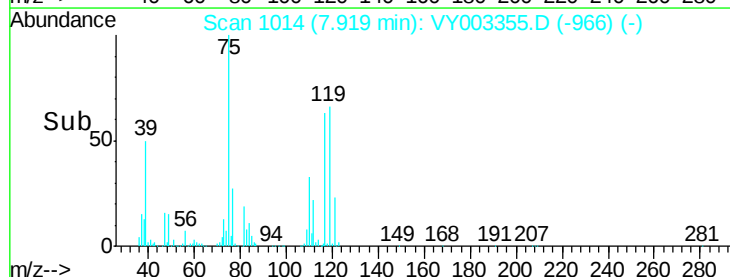
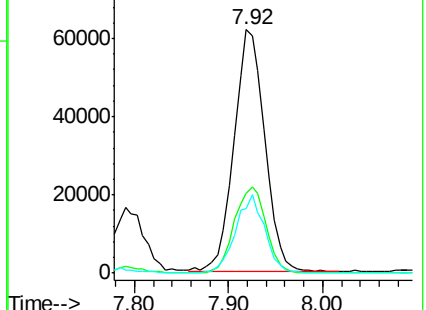
77 30.8 24.8 37.2

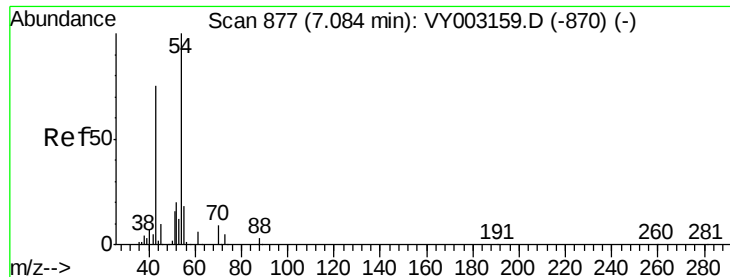


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VY0

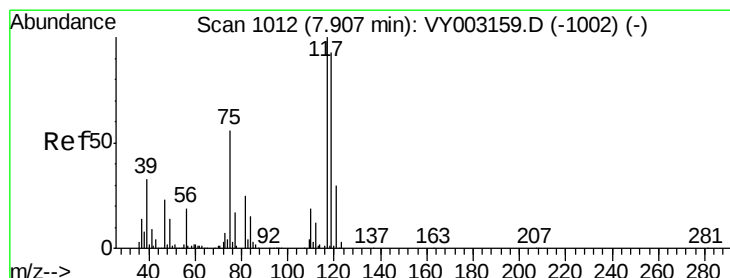
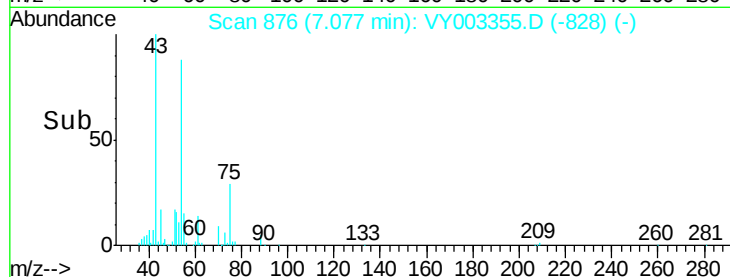
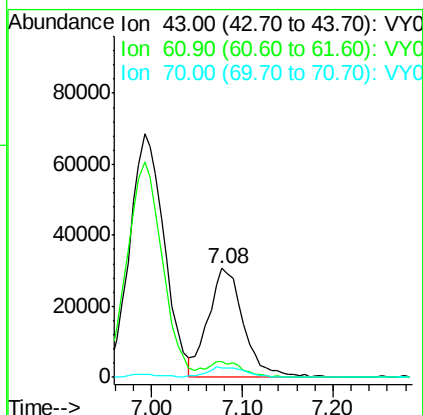
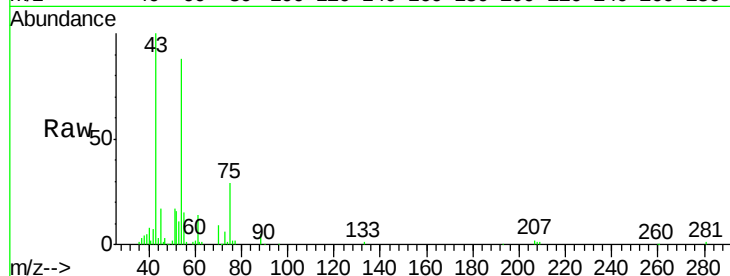




#37
Ethyl Acetate
Concen: 22.394 ug/l
RT: 7.08 min Scan# 876
Delta R.T. -0.01 min
Lab File: VY003355.D
Acq: 27 Jul 2020 14:34

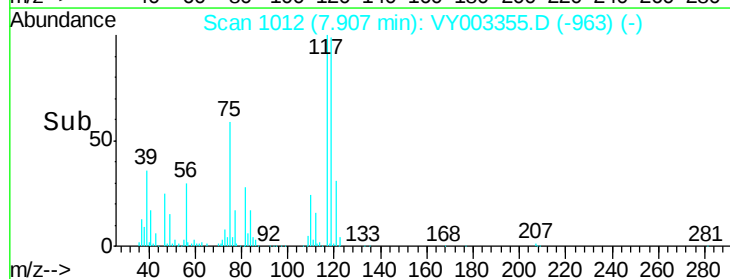
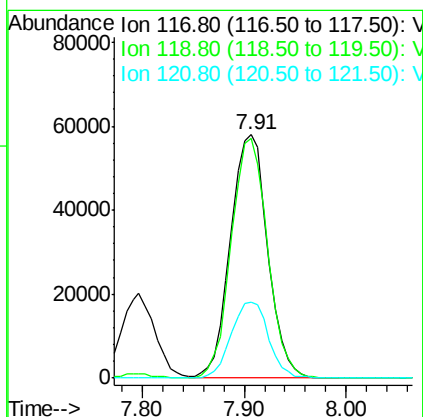
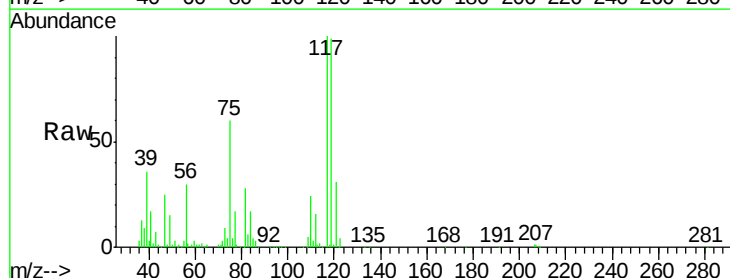
Instrument :
MSVOA_Y
ClientSampleId :
VY0727SBS01

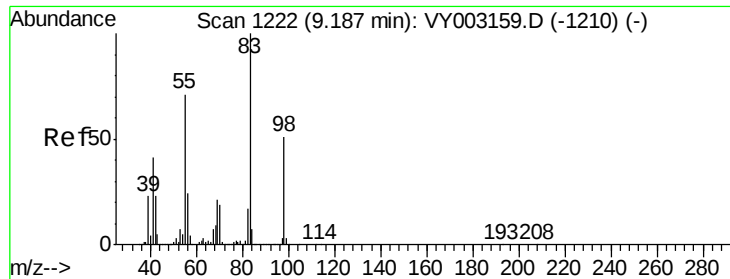
Tot Ion: 43 Resp: 82588
Ion Ratio Lower Upper
43 100
61 14.4 11.8 17.6
70 10.1 8.6 13.0



#38
Carbon Tetrachloride
Concen: 20.718 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. -0.00 min
Lab File: VY003355.D
Acq: 27 Jul 2020 14:34

Tgt Ion: 117 Resp: 146467
Ion Ratio Lower Upper
117 100
119 98.7 74.5 111.7
121 31.0 24.2 36.2

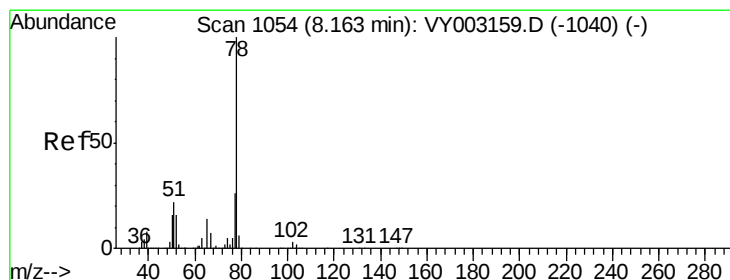
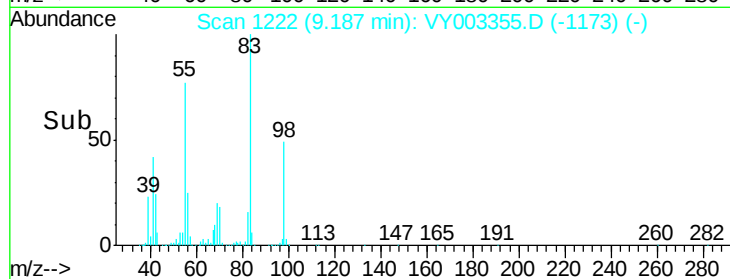
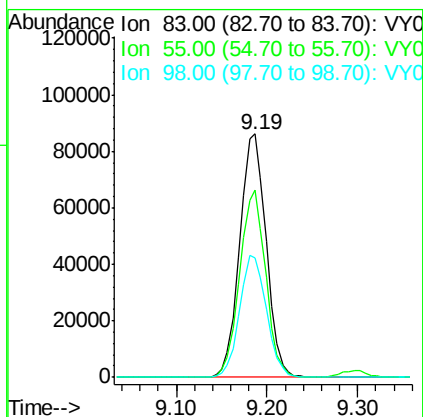
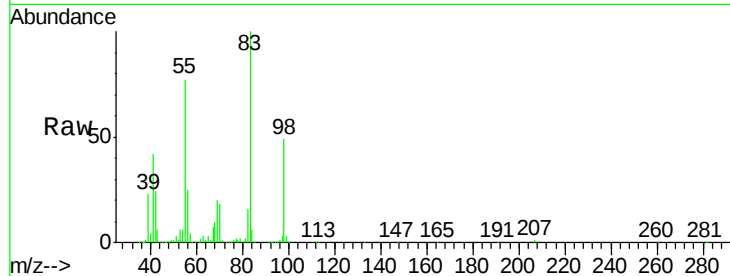




#39
Methylvlcvclohexane
Concen: 20.236 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.00 min
Lab File: VY003355.D
Acq: 27 Jul 2020 14:34

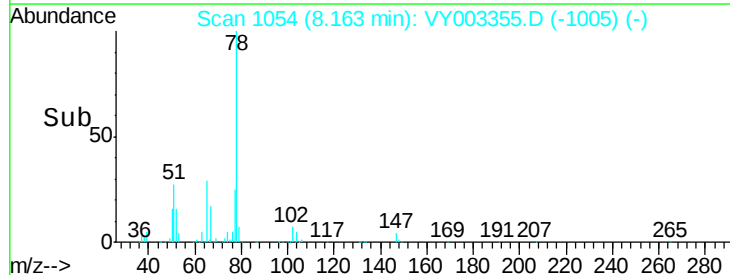
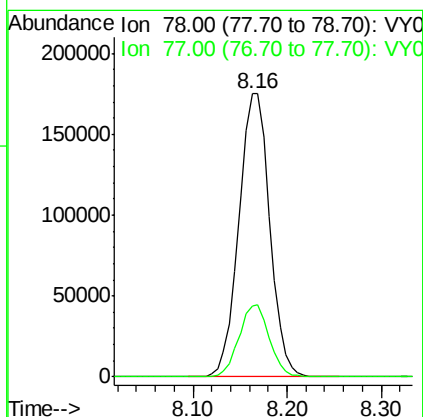
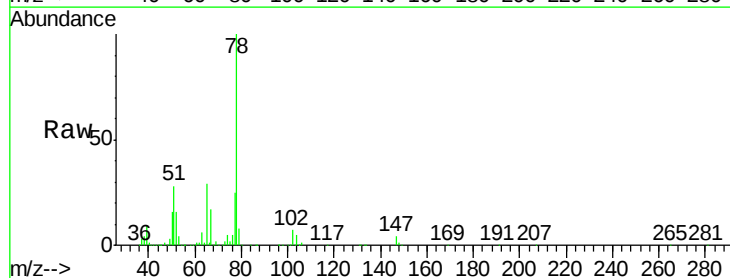
Instrument :
MSVOA_Y
ClientSampleId :
VY0727SBS01

Tot Ion: 83 Resp: 174086
Ion Ratio Lower Upper
83 100
55 76.9 57.2 85.8
98 48.8 41.0 61.6



#40
Benzene
Concen: 21.278 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. -0.00 min
Lab File: VY003355.D
Acq: 27 Jul 2020 14:34

Tgt Ion: 78 Resp: 401225
Ion Ratio Lower Upper
78 100
77 25.0 20.7 31.1

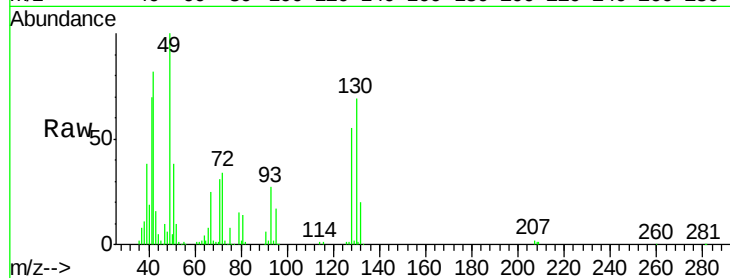




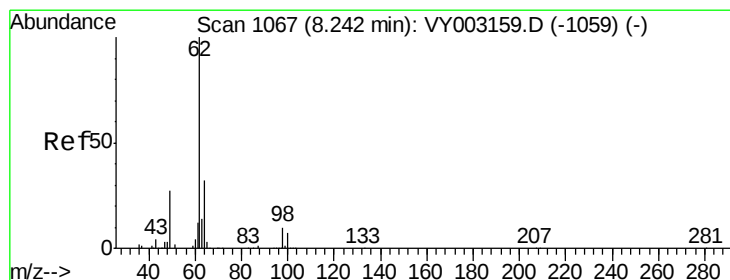
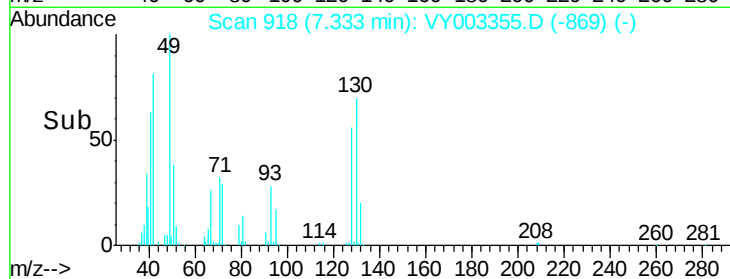
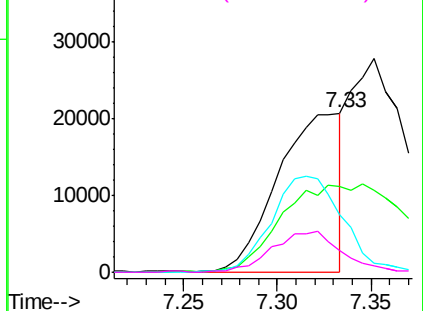
#41
Methacrylonitrile
Concen: 22.319 ug/l m
RT: 7.33 min Scan# 918
Delta R.T. -0.00 min
Lab File: VY003355.D
Acq: 27 Jul 2020 14:34

Instrument :
MSVOA_Y
ClientSampleId :
VY0727SBS01

Tot Ion:	41	Resp:	49573
Ion	Ratio	Lower	Upper
41	100		
39	105.1	83.3	124.9
67	0.0	0.0	0.0
52	0.0	0.0	0.0

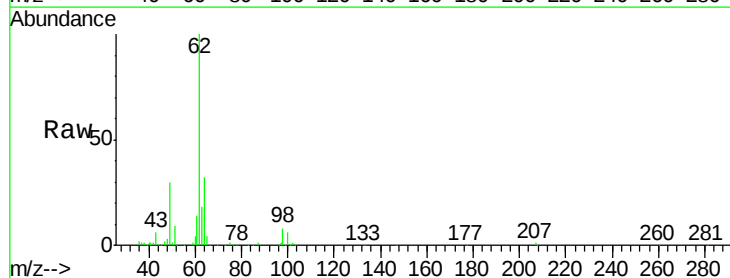


Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 39.00 (38.70 to 39.70): VY0
Ion 67.00 (66.70 to 67.70): VY0
Ion 52.00 (51.70 to 52.70): VY0

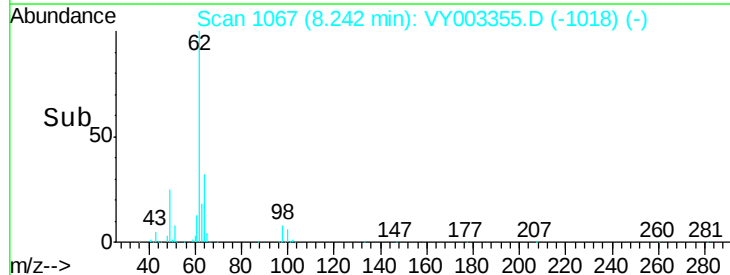
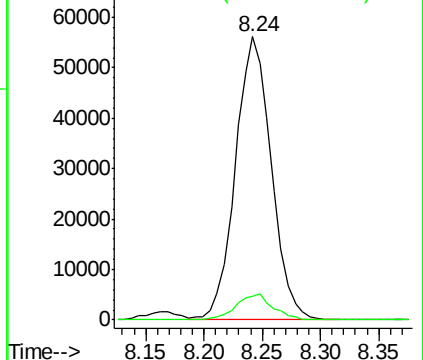


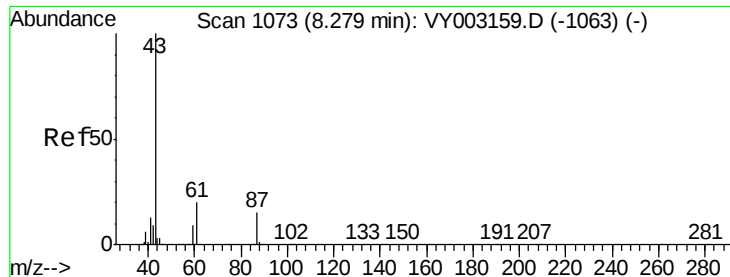
#42
1,2-Dichloroethane
Concen: 20.755 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. -0.00 min
Lab File: VY003355.D
Acq: 27 Jul 2020 14:34

Tgt Ion:	62	Resp:	120482
Ion	Ratio	Lower	Upper
62	100		
98	9.2	0.0	19.0



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





#43

Isopropyl Acetate

Concen: 21.230 ug/l

RT: 8.28 min Scan# 1073

Delta R.T. -0.00 min

Lab File: VY003355.D

Acq: 27 Jul 2020 14:34

Instrument :

MSVOA_Y

ClientSampleId :

VY0727SBS01

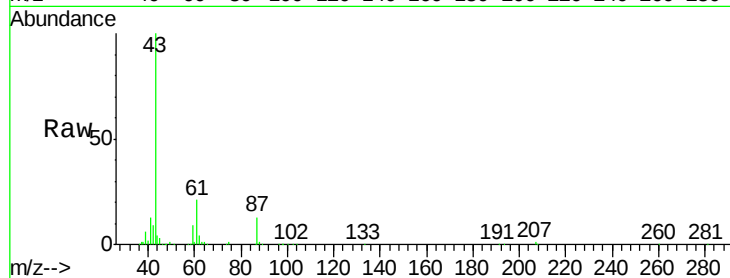
Tot Ion: 43 Resp: 151549

Ion Ratio Lower Upper

43 100

61 29.7 23.7 35.5

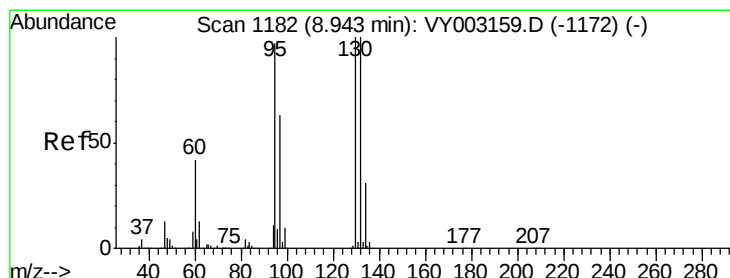
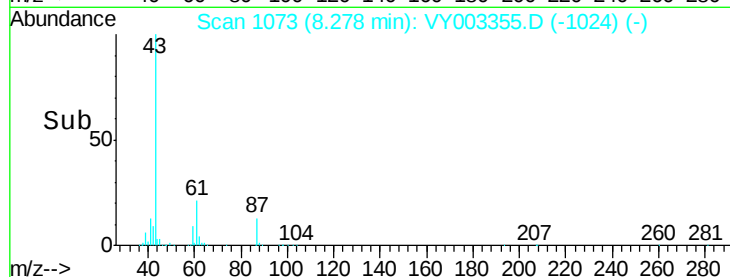
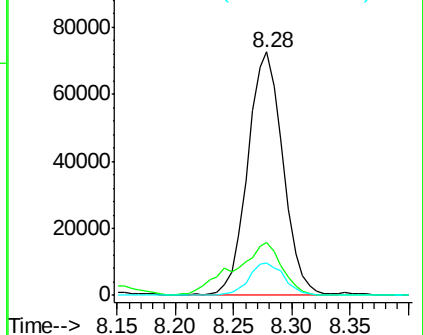
87 13.5 11.4 17.0



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 61.00 (60.70 to 61.70): VY0

Ion 87.00 (86.70 to 87.70): VY0



#44

Trichloroethene

Concen: 19.719 ug/l

RT: 8.94 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VY003355.D

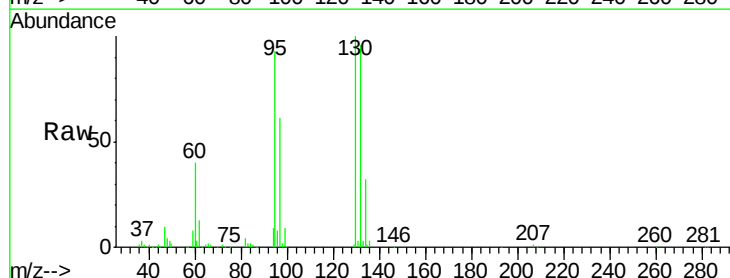
Acq: 27 Jul 2020 14:34

Tgt Ion: 130 Resp: 113983

Ion Ratio Lower Upper

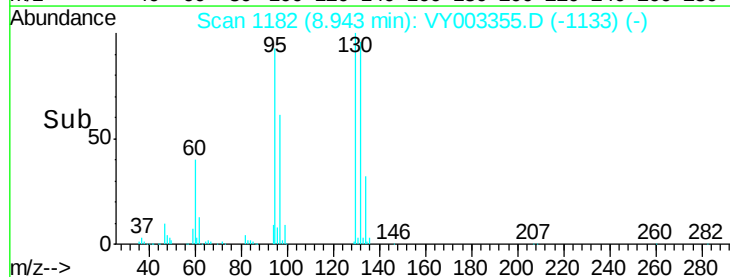
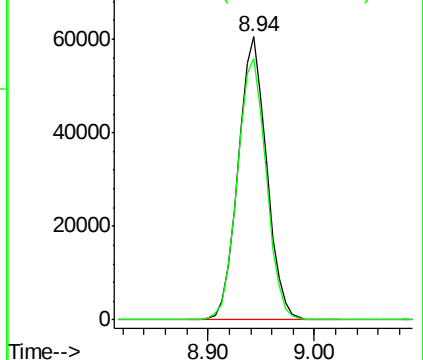
130 100

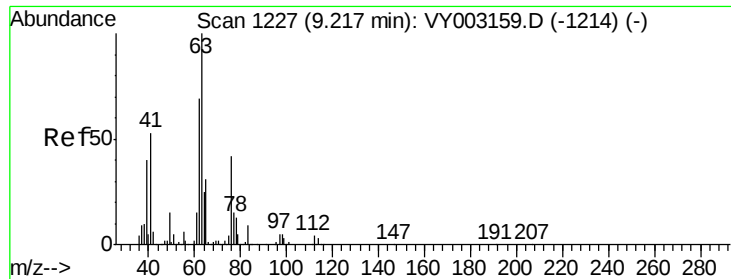
95 92.6 0.0 193.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VY0

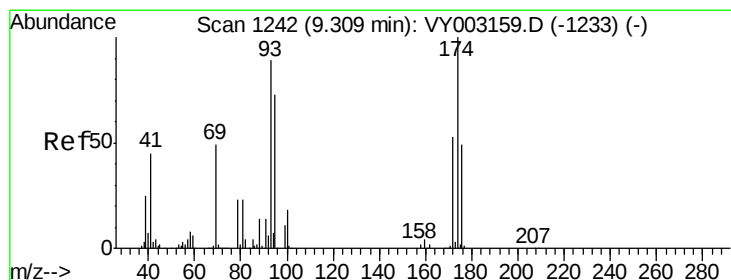
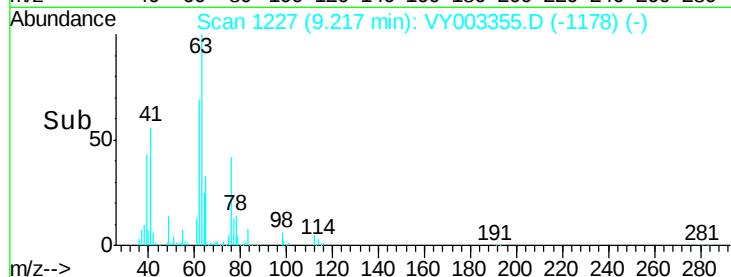
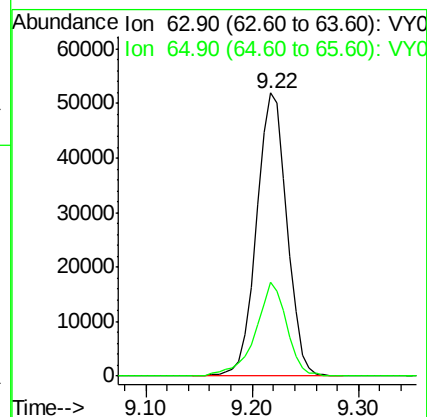
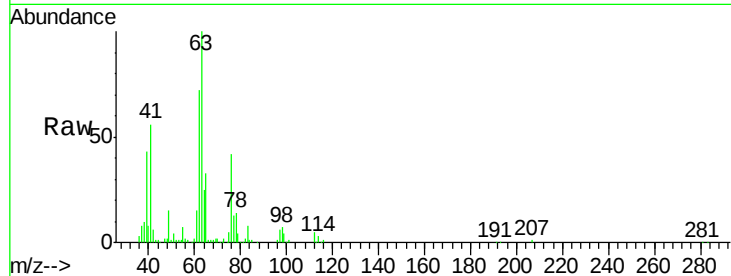




#45
 1,2-Dichloropropane
 Concen: 21.297 ug/l
 RT: 9.22 min Scan# 1227
 Delta R.T. -0.00 min
 Lab File: VY003355.D
 Acq: 27 Jul 2020 14:34

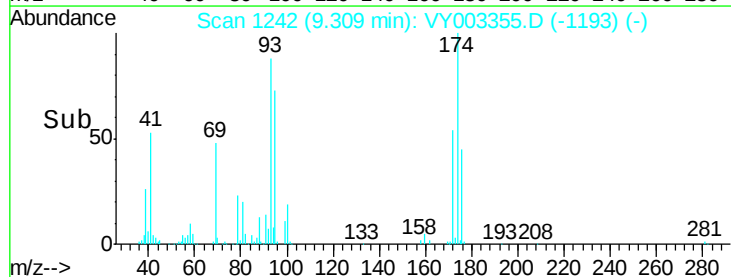
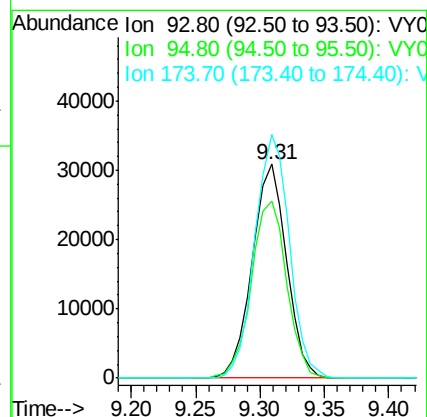
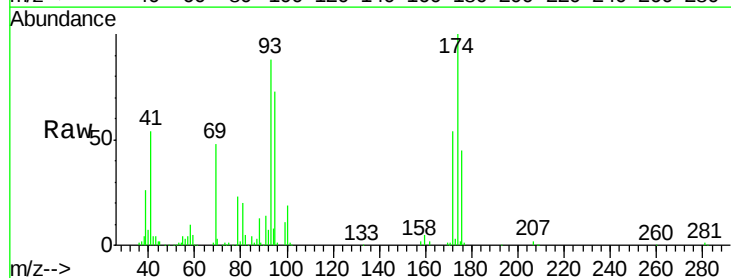
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0727SBS01

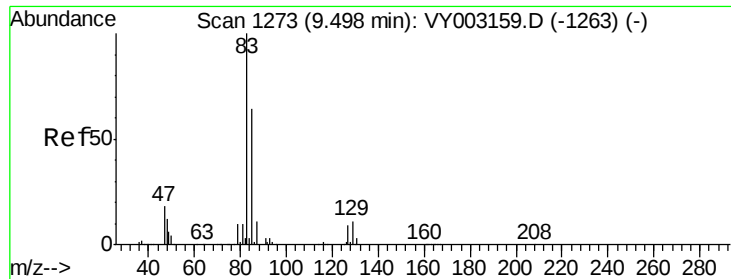
Tot Ion: 63 Resp: 103911
 Ion Ratio Lower Upper
 63 100
 65 33.1 25.0 37.4



#46
 Dibromomethane
 Concen: 20.023 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. -0.00 min
 Lab File: VY003355.D
 Acq: 27 Jul 2020 14:34

Tgt Ion: 93 Resp: 57060
 Ion Ratio Lower Upper
 93 100
 95 85.2 66.6 99.8
 174 114.0 90.2 135.4

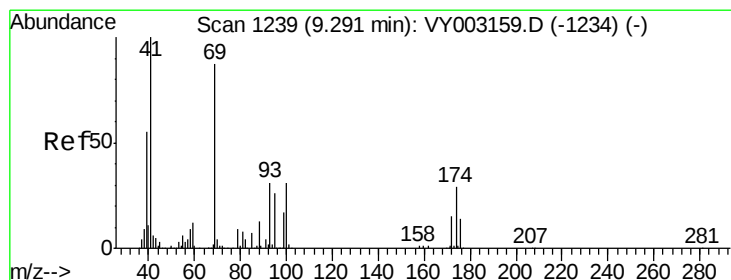
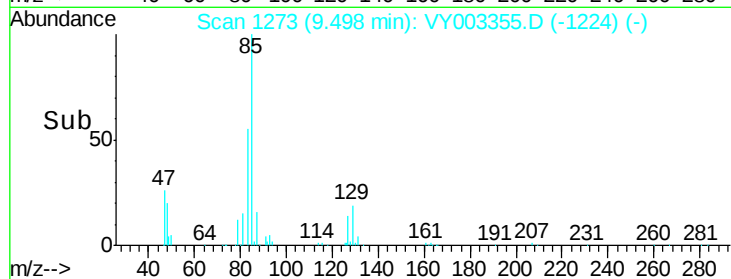
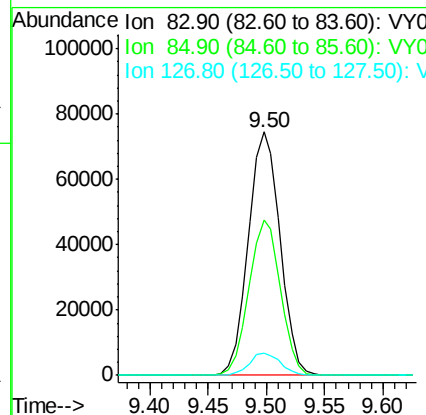
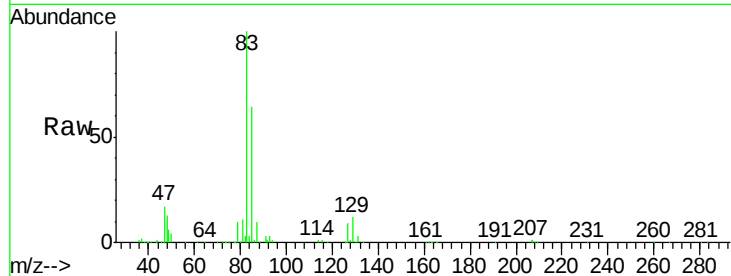




#47
Bromodichloromethane
Concen: 20.960 ug/l
RT: 9.50 min Scan# 1273
Delta R.T. -0.00 min
Lab File: VY003355.D
Acq: 27 Jul 2020 14:34

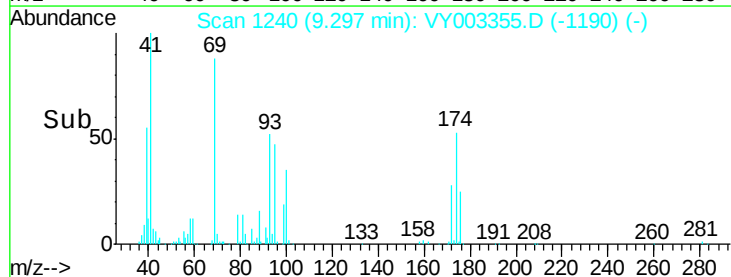
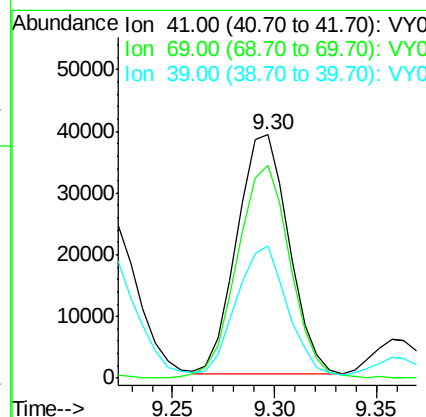
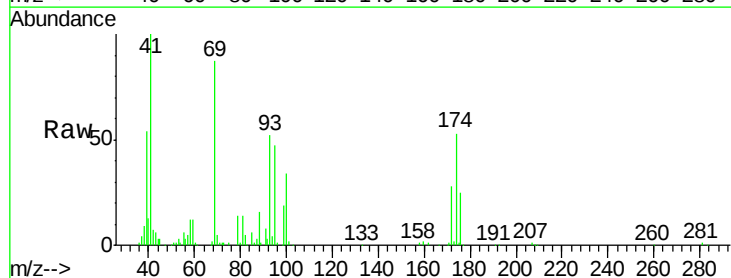
Instrument :
MSVOA_Y
ClientSampleId :
VY0727SBS01

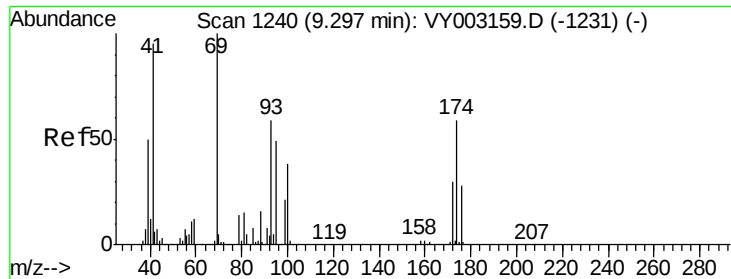
Tot Ion: 83 Resp: 142057
Ion Ratio Lower Upper
83 100
85 63.9 50.9 76.3
127 9.0 7.0 10.4



#48
Methyl methacrylate
Concen: 21.542 ug/l
RT: 9.30 min Scan# 1240
Delta R.T. 0.01 min
Lab File: VY003355.D
Acq: 27 Jul 2020 14:34

Tgt Ion: 41 Resp: 68747
Ion Ratio Lower Upper
41 100
69 90.7 74.5 111.7
39 55.4 47.5 71.3

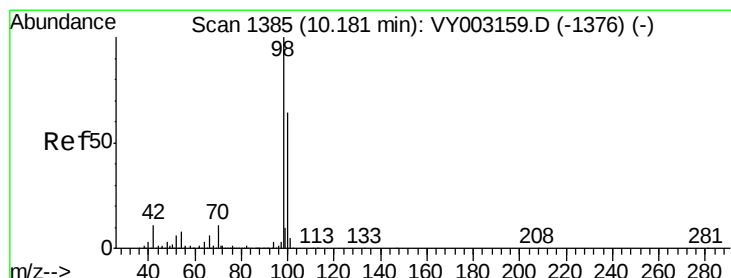
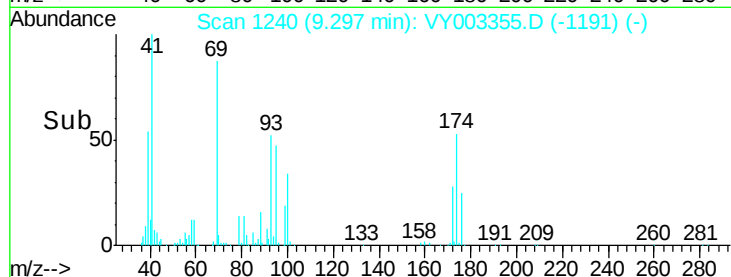
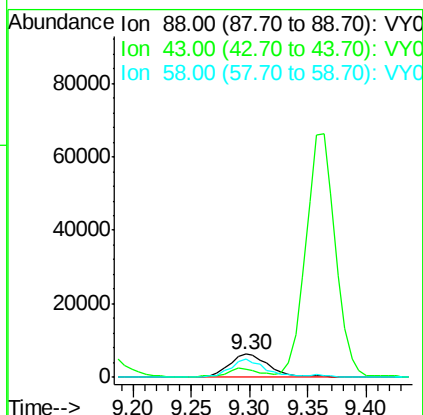
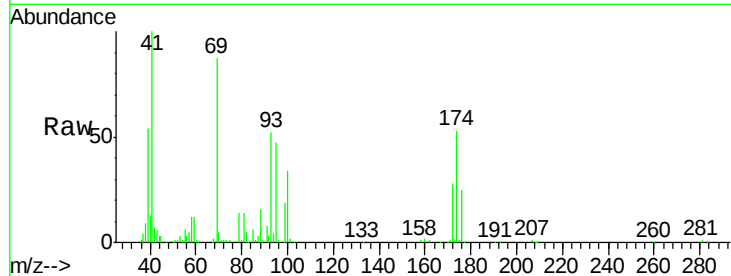




#49
1,4-Dioxane
Concen: 419.829 ug/l
RT: 9.30 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VY003355.D
Acq: 27 Jul 2020 14:34

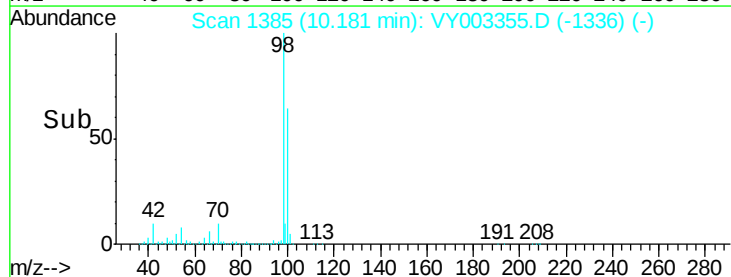
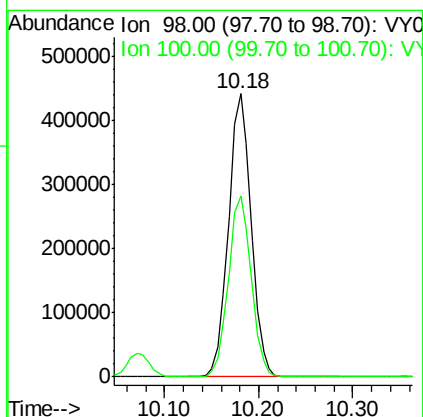
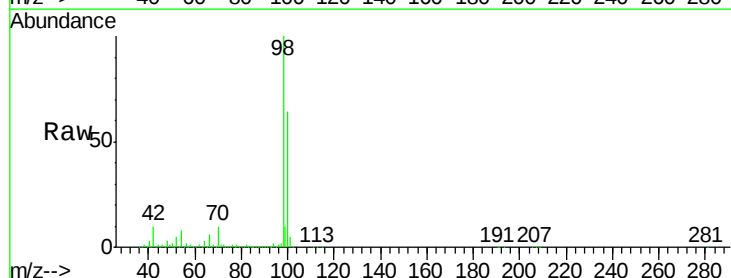
Instrument :
MSVOA_Y
ClientSampleId :
VY0727SBS01

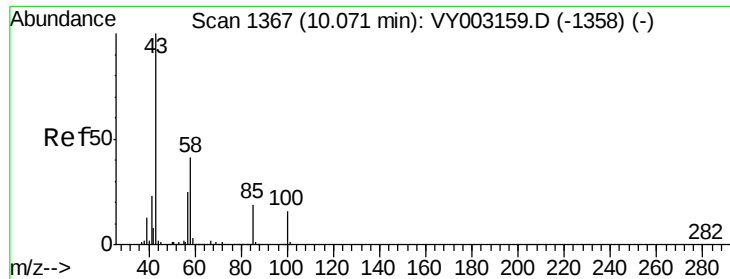
Tot Ion: 88 Resp: 15184
Ion Ratio Lower Upper
88 100
43 30.5 25.6 38.4
58 69.6 47.8 71.6



#50
Toluene-d8
Concen: 45.569 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VY003355.D
Acq: 27 Jul 2020 14:34

Tgt Ion: 98 Resp: 736655
Ion Ratio Lower Upper
98 100
100 64.3 50.7 76.1





#51

4-Methyl-2-Pentanone

Concen: 108.198 ug/l

RT: 10.07 min Scan# 1367

Delta R.T. -0.00 min

Lab File: VY003355.D

Acq: 27 Jul 2020 14:34

Instrument :

MSVOA_Y

ClientSampleId :

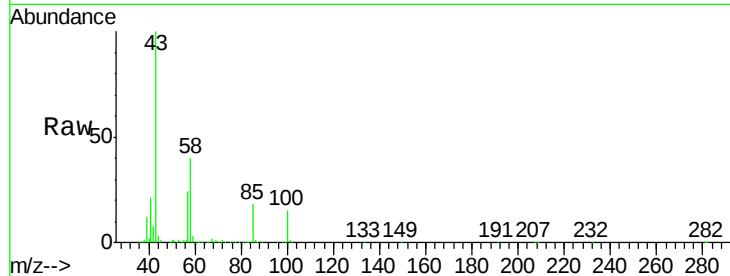
VY0727SBS01

Tot Ion: 43 Resp: 401449

Ion Ratio Lower Upper

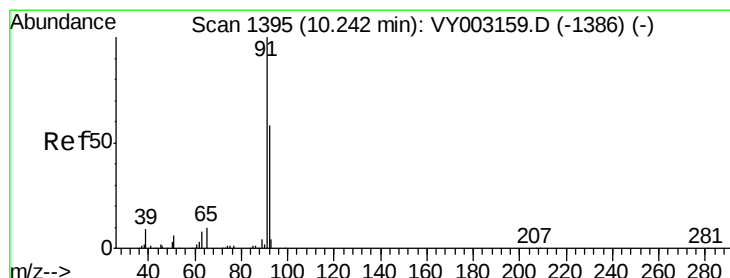
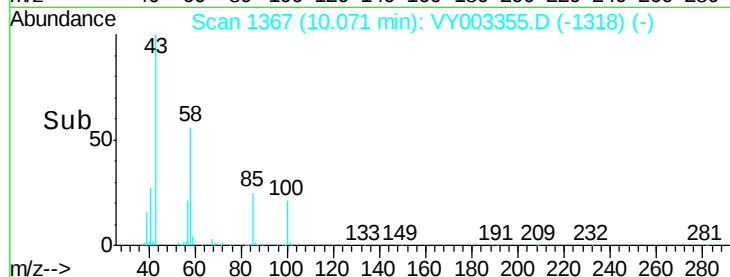
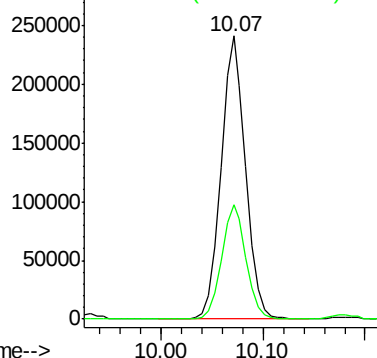
43 100

58 40.0 32.7 49.1



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0



#52

Toluene

Concen: 20.725 ug/l

RT: 10.24 min Scan# 1395

Delta R.T. -0.00 min

Lab File: VY003355.D

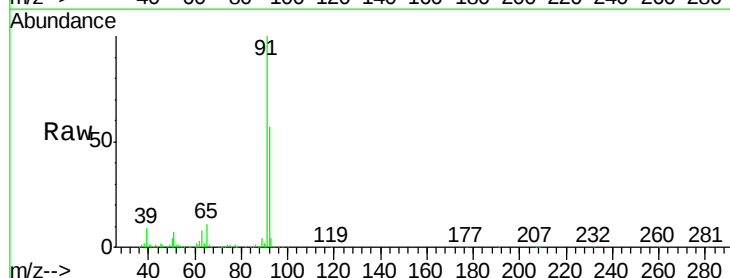
Acq: 27 Jul 2020 14:34

Tgt Ion: 92 Resp: 249779

Ion Ratio Lower Upper

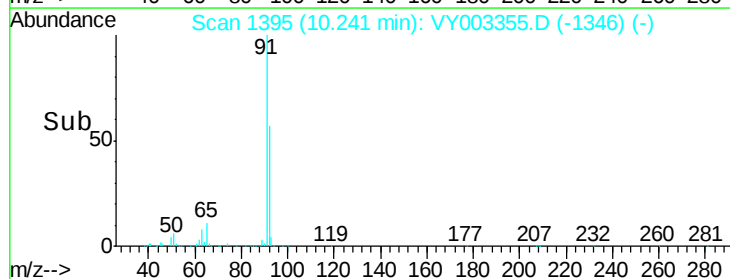
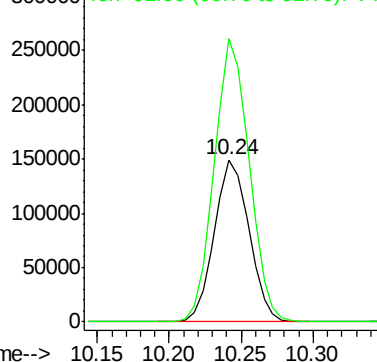
92 100

91 175.5 139.7 209.5



Abundance Ion 92.00 (91.70 to 92.70): VY0

Ion 91.00 (90.70 to 91.70): VY0





#53

t-1,3-Dichloropropene

Concen: 20.924 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VY003355.D

Acq: 27 Jul 2020 14:34

Instrument :

MSVOA_Y

ClientSampleId :

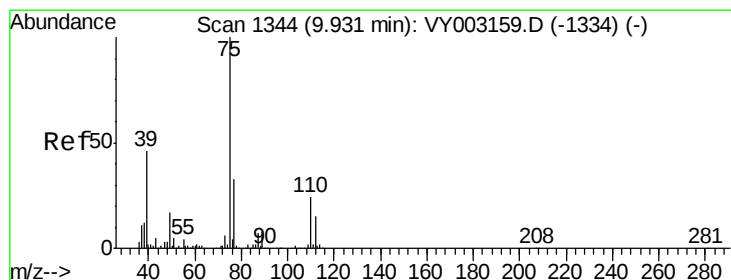
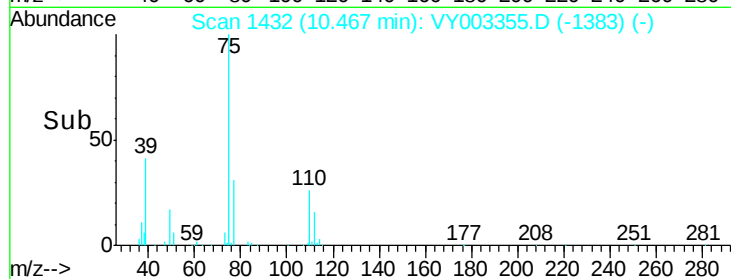
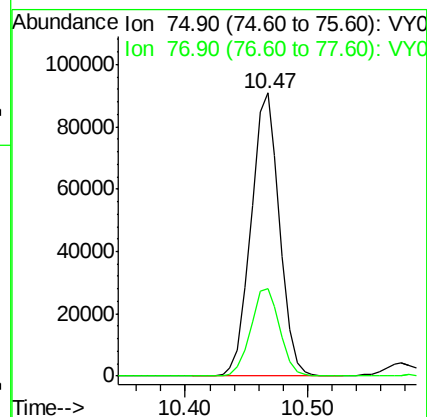
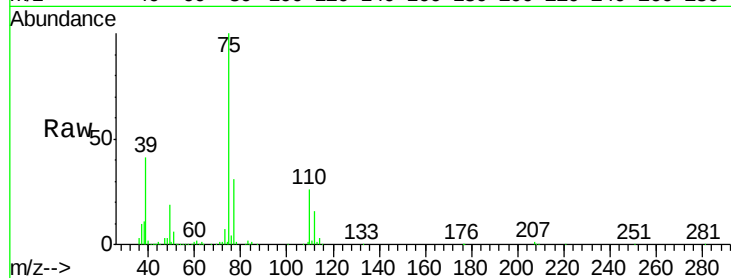
VY0727SBS01

Tot Ion: 75 Resp: 146933

Ion Ratio Lower Upper

75 100

77 30.8 25.2 37.8



#54

cis-1,3-Dichloropropene

Concen: 21.190 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. -0.00 min

Lab File: VY003355.D

Acq: 27 Jul 2020 14:34

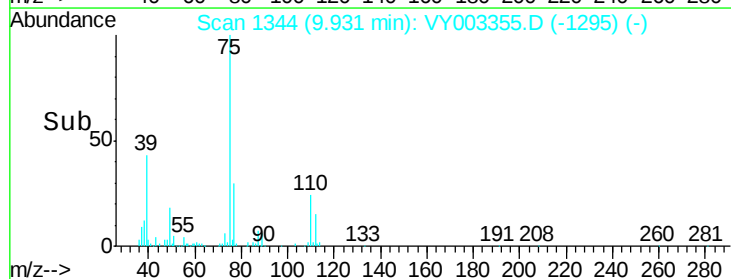
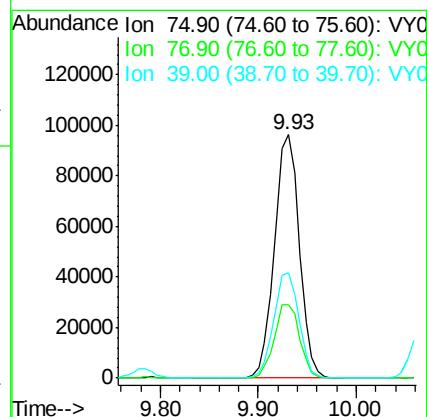
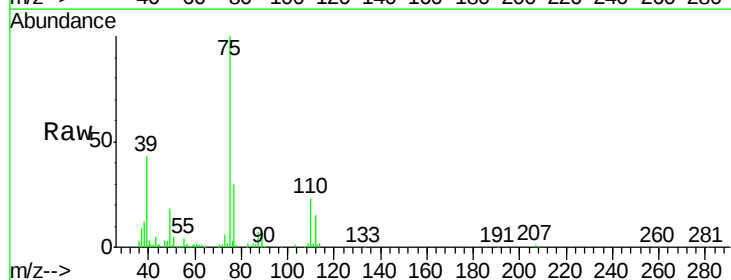
Tgt Ion: 75 Resp: 171443

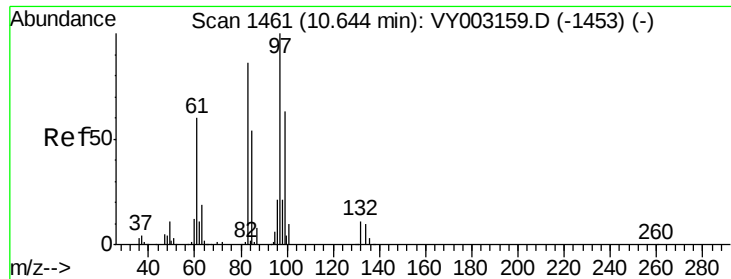
Ion Ratio Lower Upper

75 100

77 30.2 26.7 40.1

39 43.4 37.0 55.6

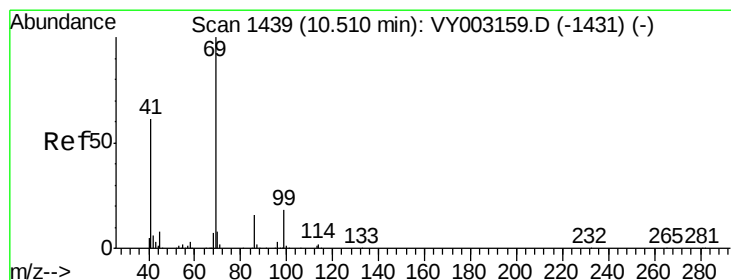
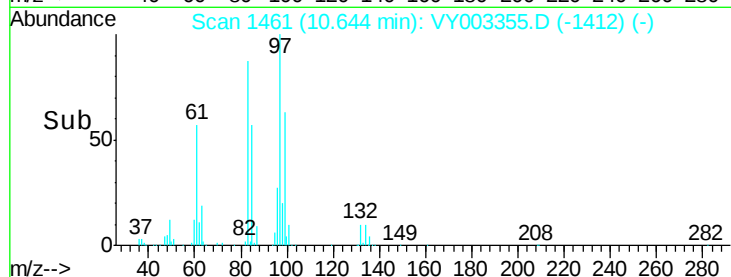
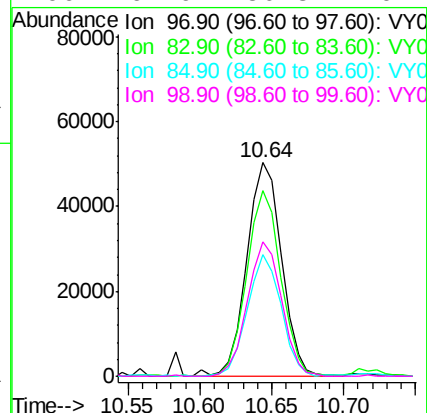
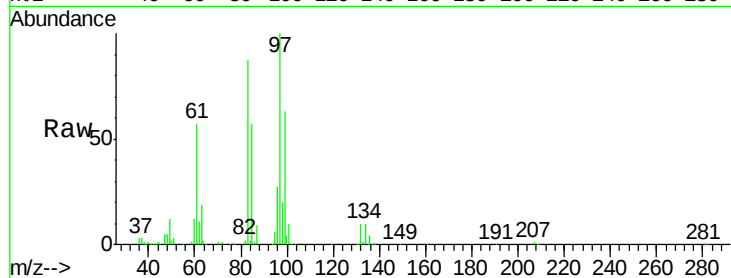




#55
 1,1,2-Trichloroethane
 Concen: 20.818 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. -0.00 min
 Lab File: VY003355.D
 Acq: 27 Jul 2020 14:34

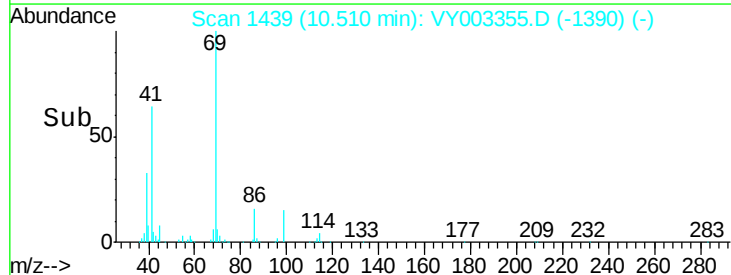
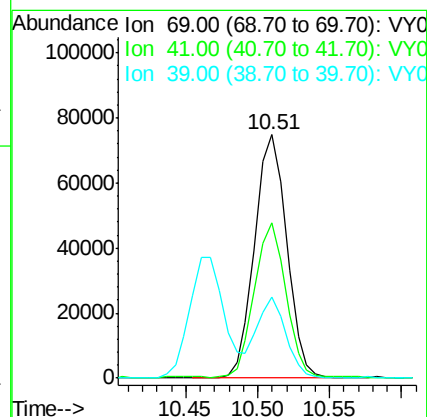
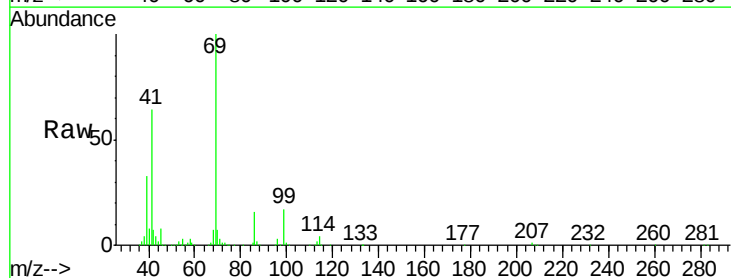
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0727SBS01

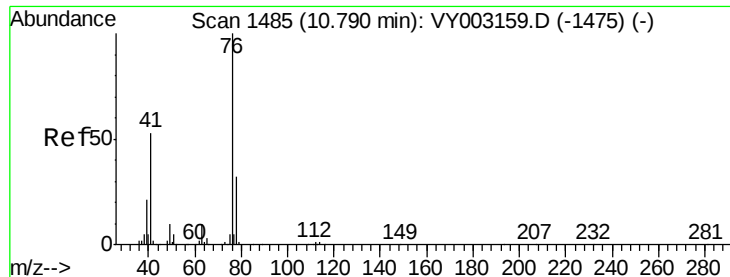
Tot Ion: 97 Resp: 84063
 Ion Ratio Lower Upper
 97 100
 83 86.8 68.8 103.2
 85 56.6 43.1 64.7
 99 62.9 50.8 76.2



#56
 Ethyl methacrylate
 Concen: 21.052 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. -0.00 min
 Lab File: VY003355.D
 Acq: 27 Jul 2020 14:34

Tgt Ion: 69 Resp: 115575
 Ion Ratio Lower Upper
 69 100
 41 61.8 50.0 75.0
 39 29.3 27.6 41.4





#57

1,3-Dichloropropane

Concen: 21.201 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. -0.00 min

Lab File: VY003355.D

Acq: 27 Jul 2020 14:34

Instrument :

MSVOA_Y

ClientSampleId :

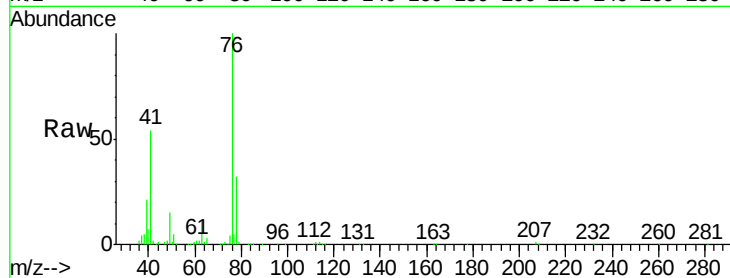
VY0727SBS01

Tot Ion: 76 Resp: 145160

Ion Ratio Lower Upper

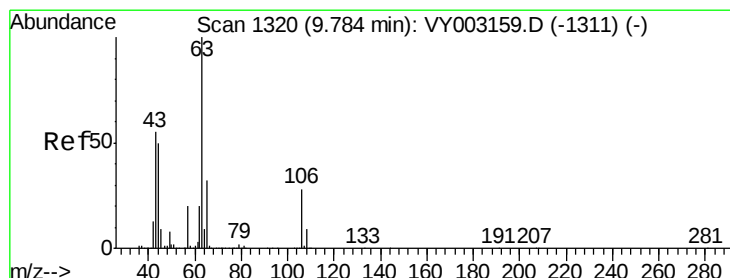
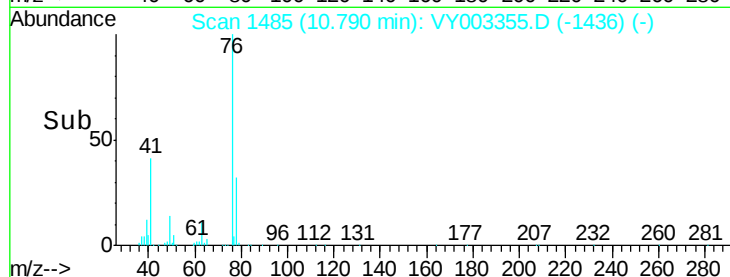
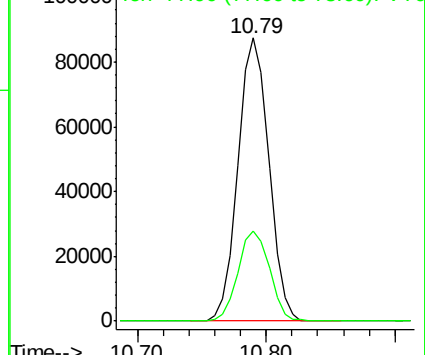
76 100

78 32.5 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: 111.990 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. -0.00 min

Lab File: VY003355.D

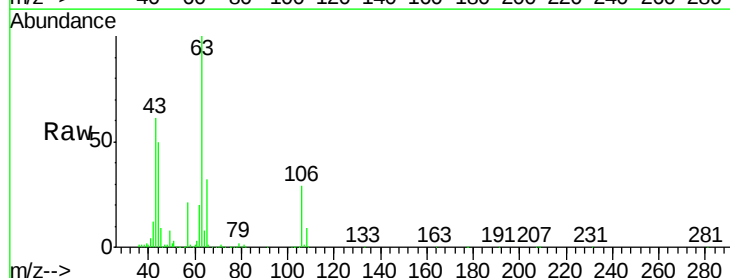
Acq: 27 Jul 2020 14:34

Tgt Ion: 63 Resp: 313559

Ion Ratio Lower Upper

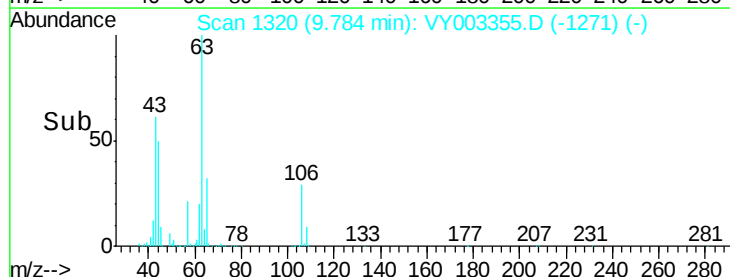
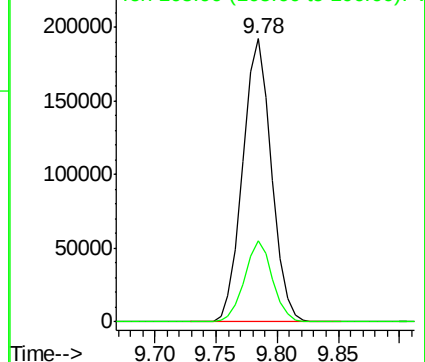
63 100

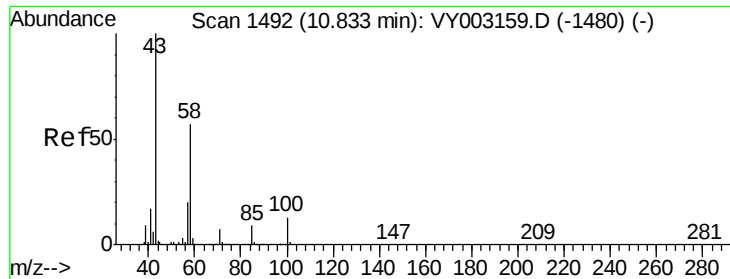
106 27.9 22.9 34.3



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V

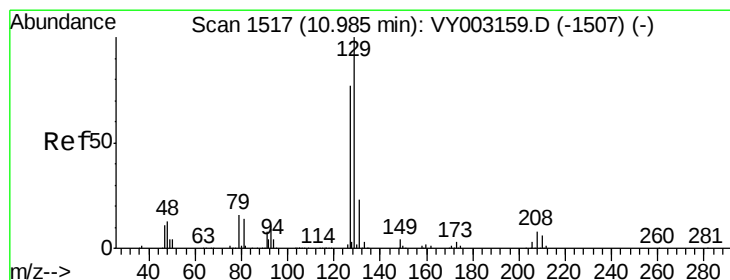
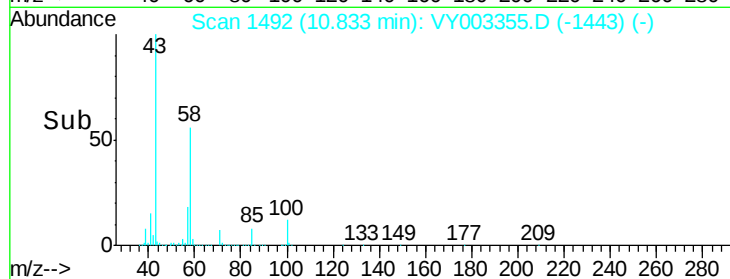
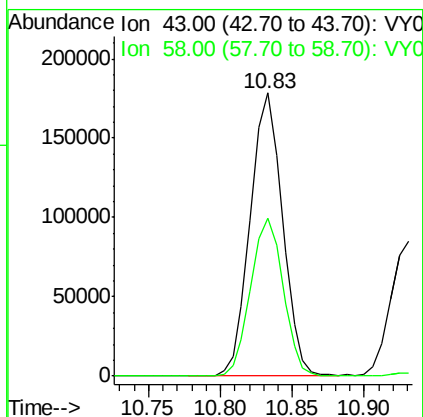
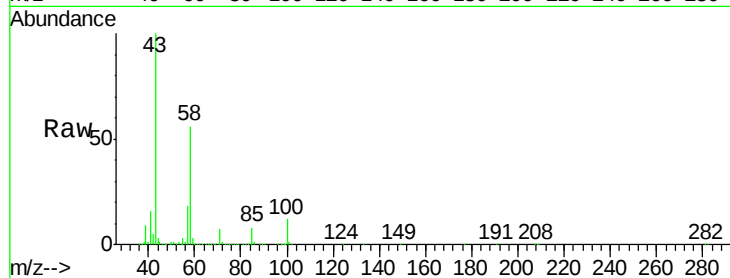




#59
2-Hexanone
Concen: 107.177 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VY003355.D
Acq: 27 Jul 2020 14:34

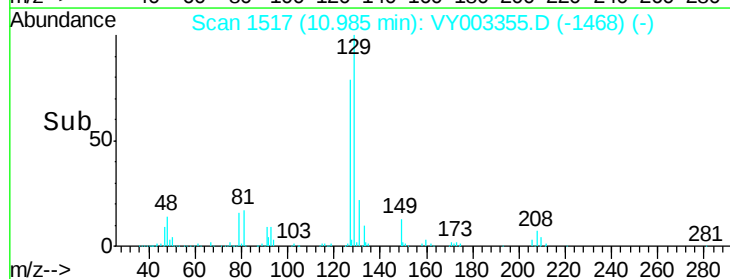
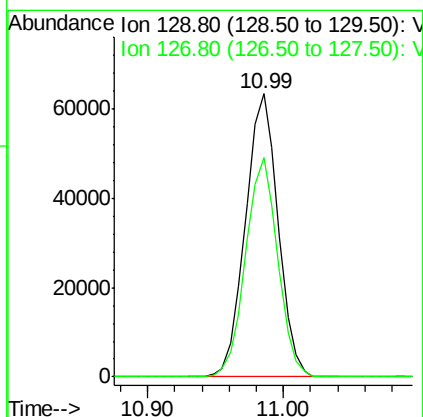
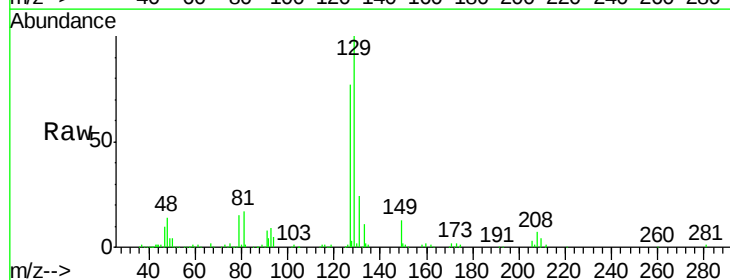
Instrument :
MSVOA_Y
ClientSampleId :
VY0727SBS01

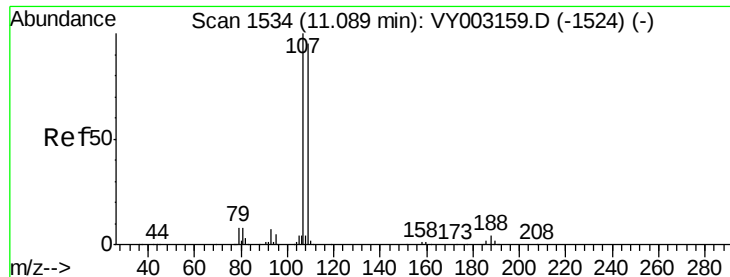
Tot Ion: 43 Resp: 277596
Ion Ratio Lower Upper
43 100
58 56.6 28.3 85.0



#60
Dibromochloromethane
Concen: 21.041 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VY003355.D
Acq: 27 Jul 2020 14:34

Tgt Ion: 129 Resp: 106868
Ion Ratio Lower Upper
129 100
127 76.1 38.5 115.5

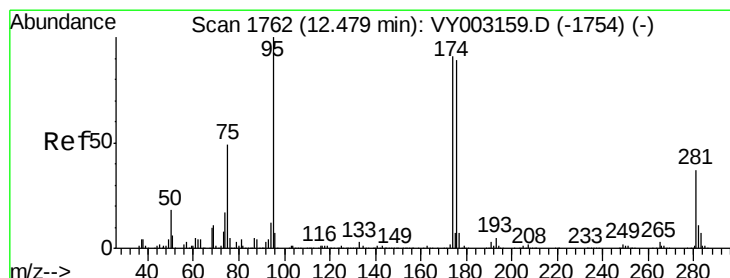
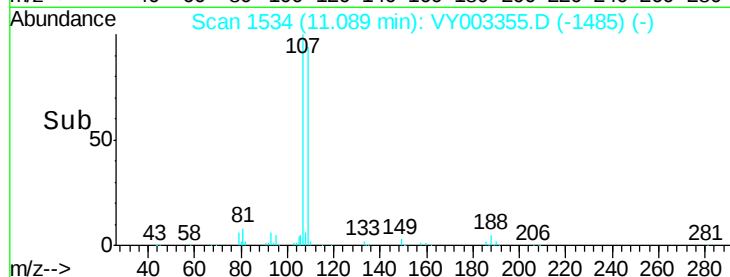
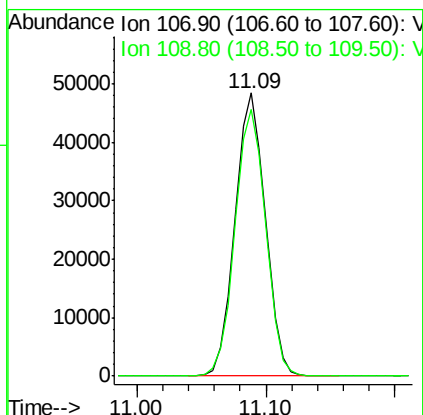
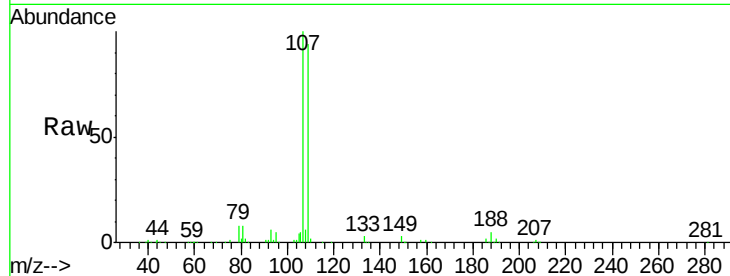




#61
 1,2-Dibromoethane
 Concen: 19.853 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. -0.00 min
 Lab File: VY003355.D
 Acq: 27 Jul 2020 14:34

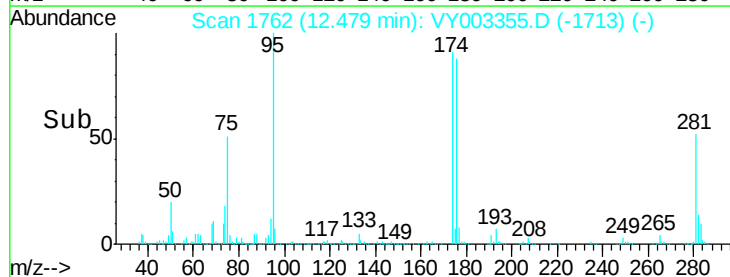
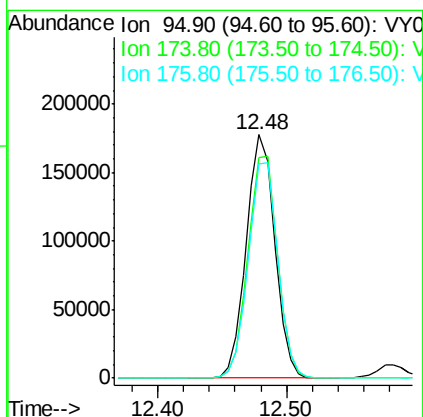
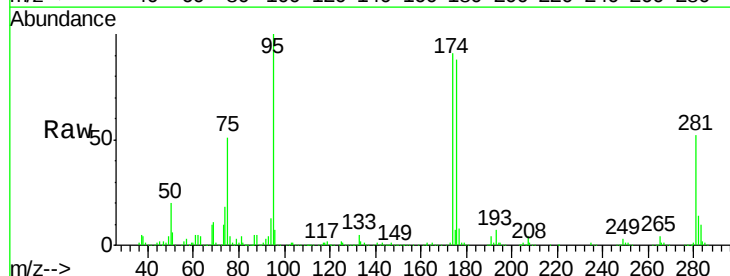
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0727SBS01

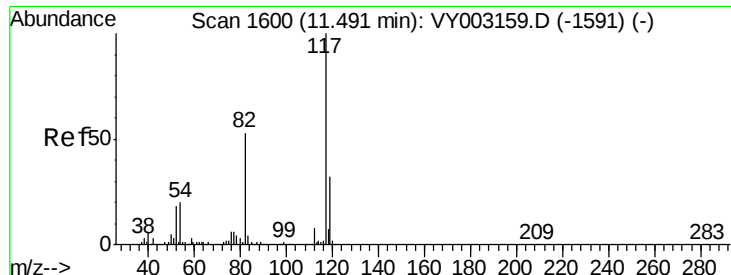
Tot Ion:107 Resp: 79125
 Ion Ratio Lower Upper
 107 100
 109 95.1 75.6 113.4



#62
 4-Bromofluorobenzene
 Concen: 46.425 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. -0.00 min
 Lab File: VY003355.D
 Acq: 27 Jul 2020 14:34

Tgt Ion: 95 Resp: 271126
 Ion Ratio Lower Upper
 95 100
 174 94.0 0.0 190.6
 176 91.2 0.0 186.4

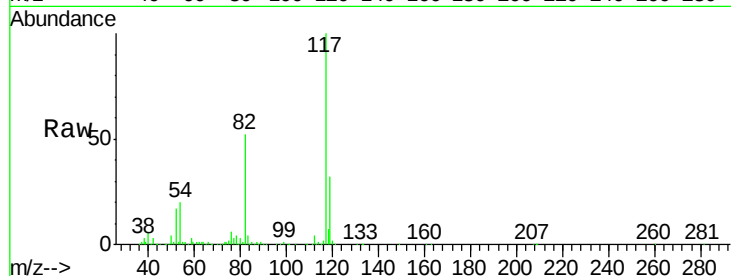




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY003355.D
Acq: 27 Jul 2020 14:34

Instrument :
MSVOA_Y
ClientSampleId :
VY0727SBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	51.8	42.0	63.0
119	31.9	25.5	38.3

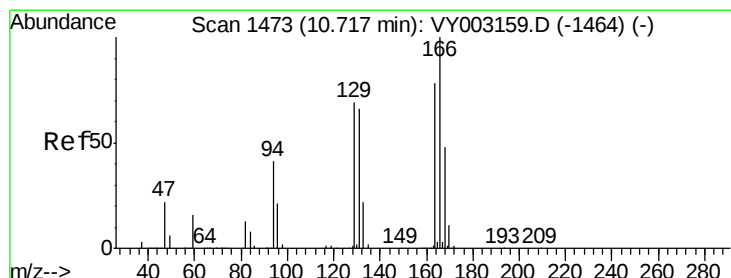
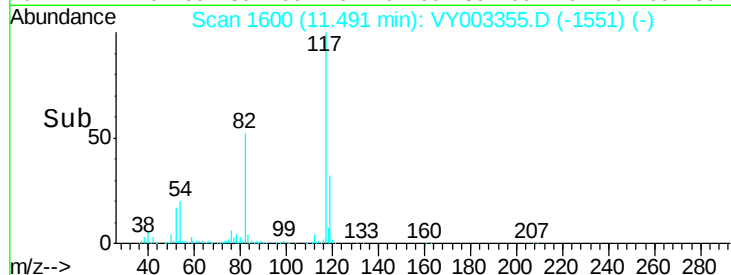
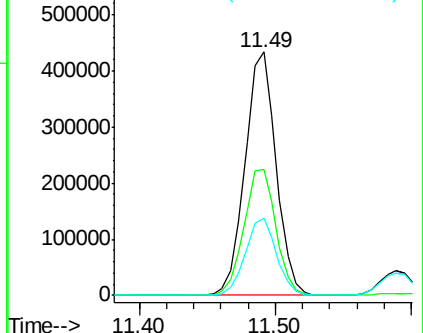


Abundance

Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#64
Tetrachloroethene
Concen: 18.722 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VY003355.D
Acq: 27 Jul 2020 14:34

Tgt Ion	Ratio	Lower	Upper
164	100		
166	134.6	102.9	154.3
129	88.4	71.4	107.2
131	86.8	68.1	102.1

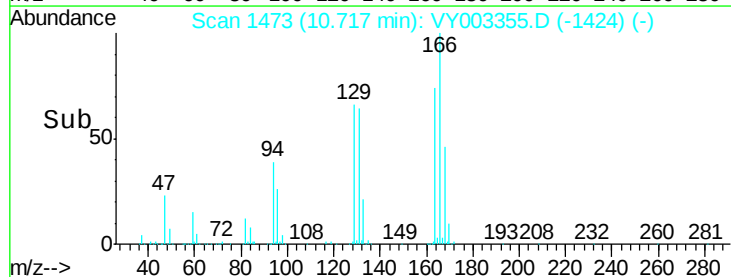
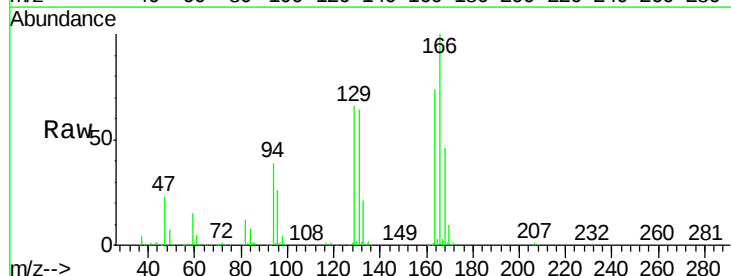
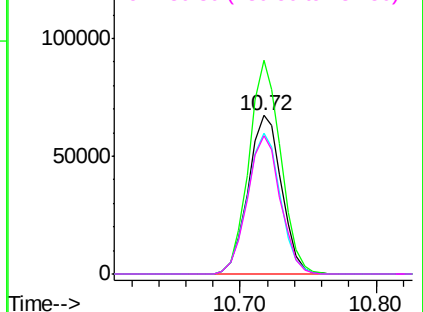
Abundance

Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V

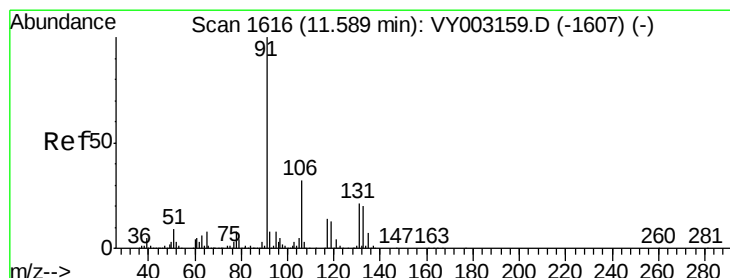
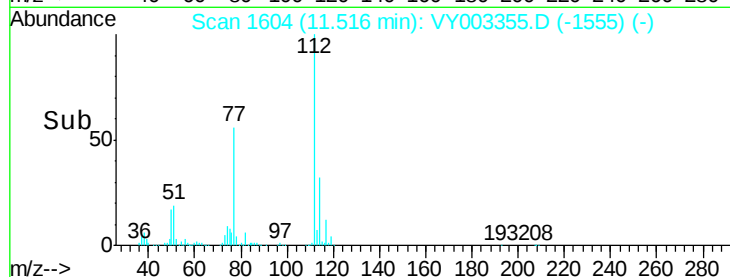
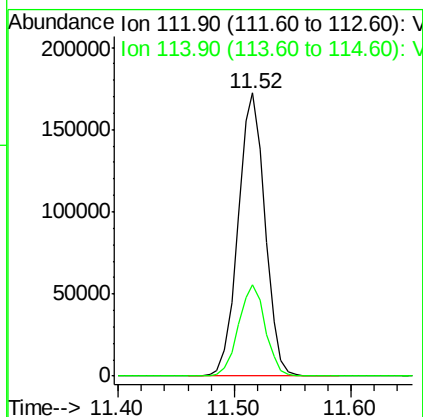
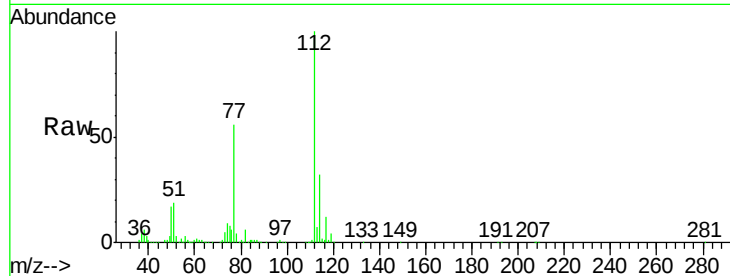




#65
Chlorobenzene
Concen: 20.774 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VY003355.D
Acq: 27 Jul 2020 14:34

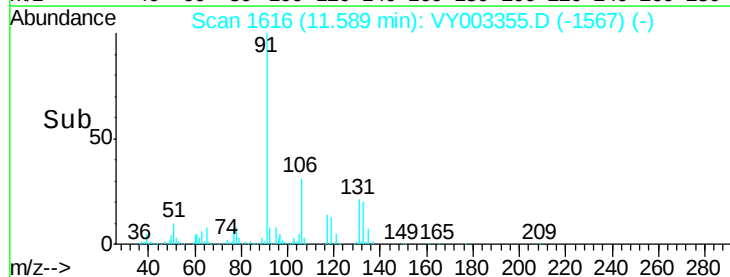
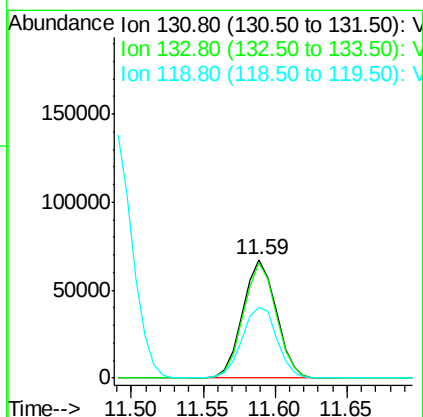
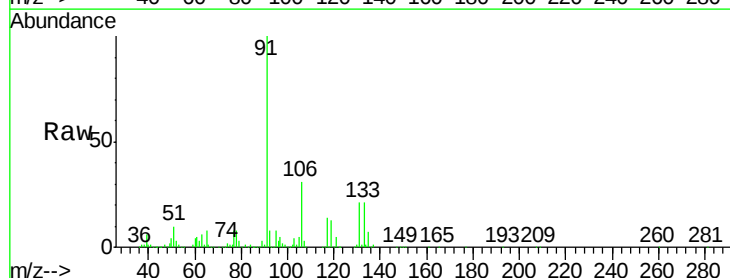
Instrument :
MSVOA_Y
ClientSampleId :
VY0727SBS01

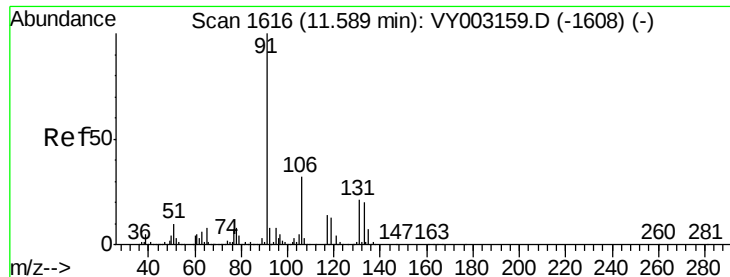
Tot Ion:112 Resp: 277041
Ion Ratio Lower Upper
112 100
114 32.1 24.7 37.1



#66
1,1,1,2-Tetrachloroethane
Concen: 20.986 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.00 min
Lab File: VY003355.D
Acq: 27 Jul 2020 14:34

Tgt Ion:131 Resp: 108697
Ion Ratio Lower Upper
131 100
133 94.9 48.0 144.0
119 62.2 32.4 97.0

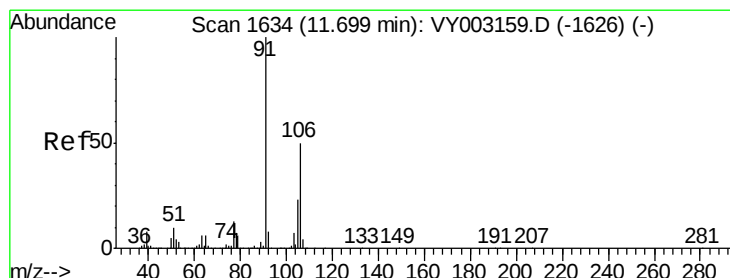
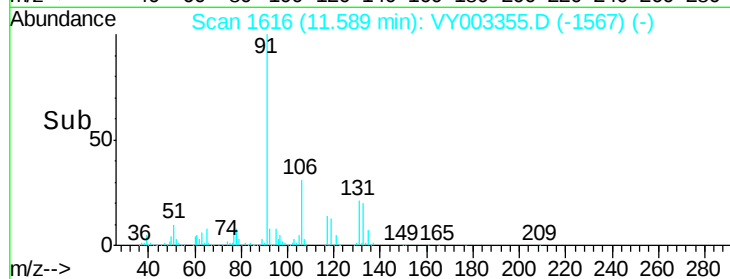
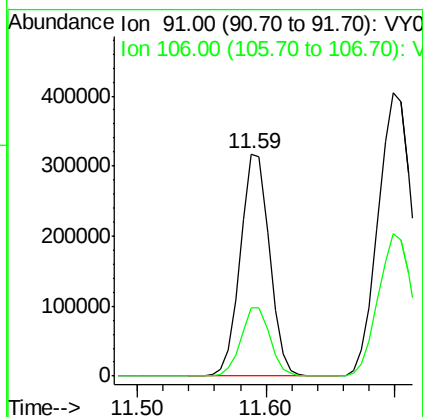
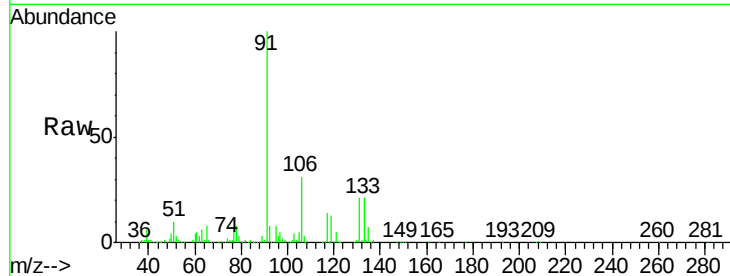




#67
Ethyl Benzene
Concen: 20.851 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.00 min
Lab File: VY003355.D
Acq: 27 Jul 2020 14:34

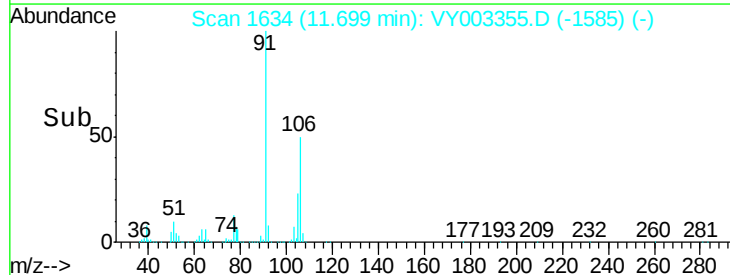
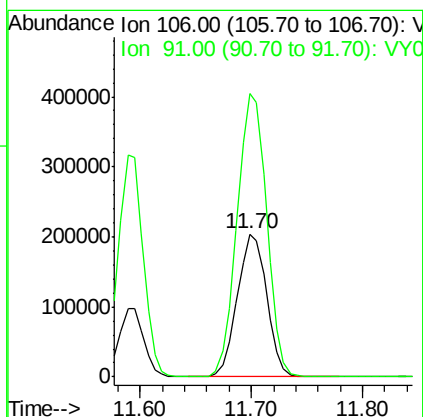
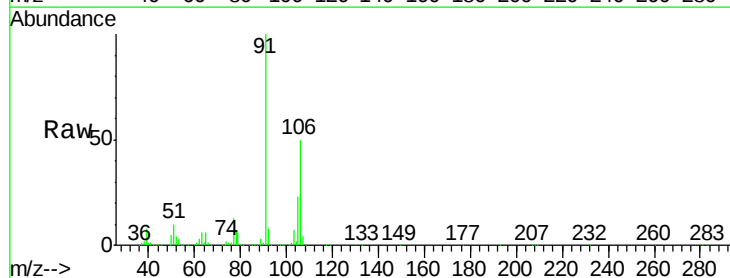
Instrument :
MSVOA_Y
ClientSampleId :
VY0727SBS01

Tot Ion: 91 Resp: 496482
Ion Ratio Lower Upper
91 100
106 30.7 25.5 38.3



#68
m/p-Xylenes
Concen: 41.207 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. -0.00 min
Lab File: VY003355.D
Acq: 27 Jul 2020 14:34

Tgt Ion: 106 Resp: 372290
Ion Ratio Lower Upper
106 100
91 199.9 159.0 238.6

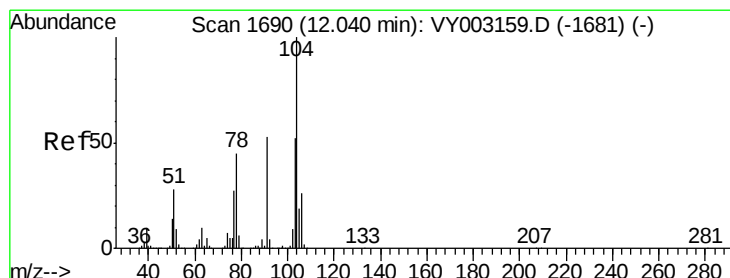
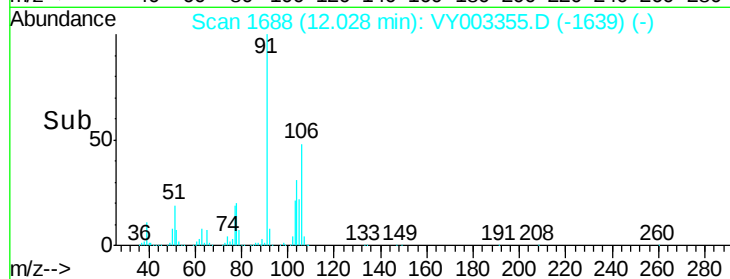
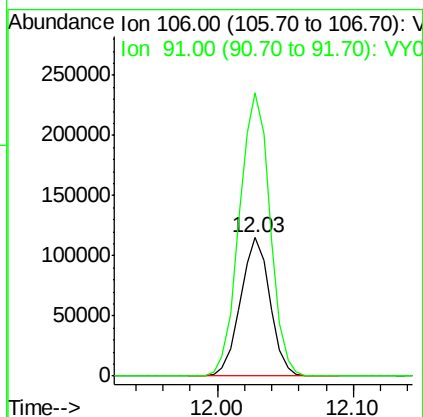
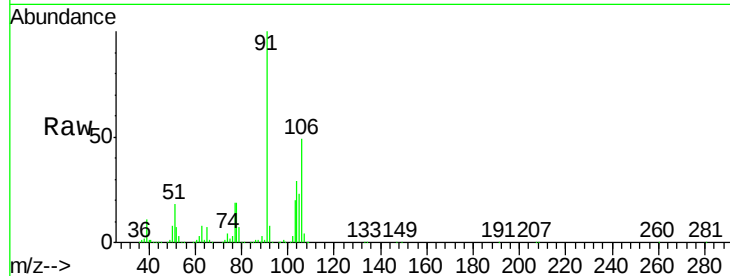




#69
o-Xylene
Concen: 20.658 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VY003355.D
Acq: 27 Jul 2020 14:34

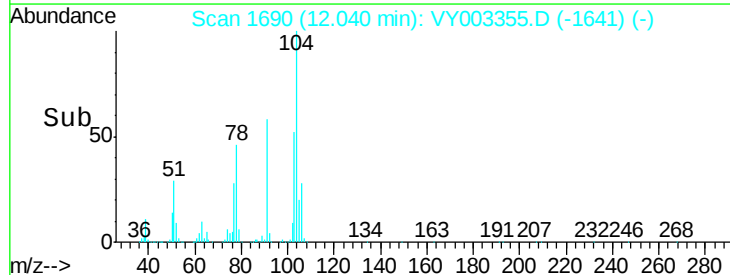
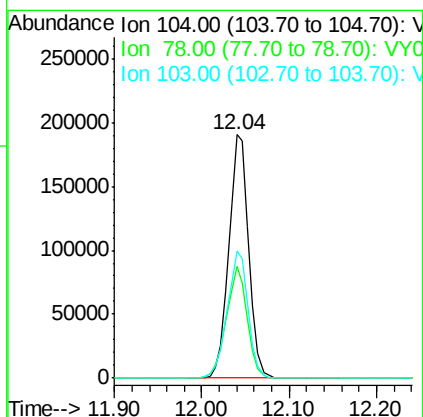
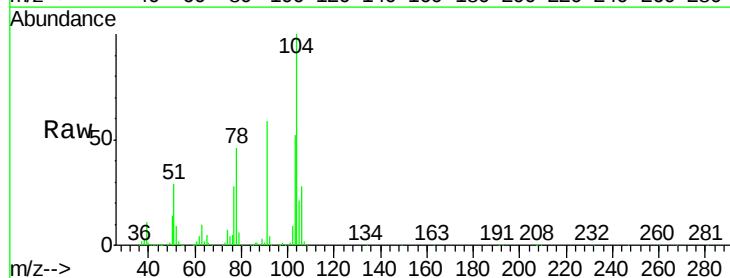
Instrument :
MSVOA_Y
ClientSampled :
VY0727SBS01

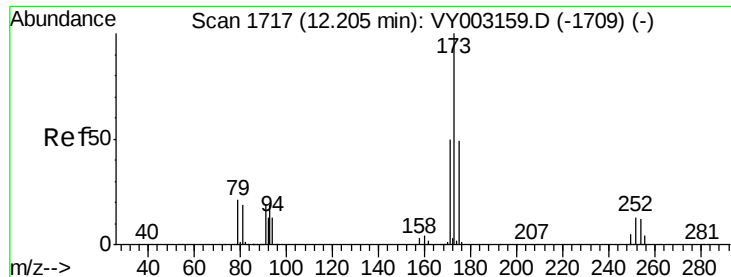
Tot Ion:106 Resp: 174358
Ion Ratio Lower Upper
106 100
91 212.5 105.1 315.1



#70
Styrene
Concen: 20.782 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. -0.00 min
Lab File: VY003355.D
Acq: 27 Jul 2020 14:34

Tgt Ion:104 Resp: 300062
Ion Ratio Lower Upper
104 100
78 47.7 38.5 57.7
103 55.0 43.9 65.9

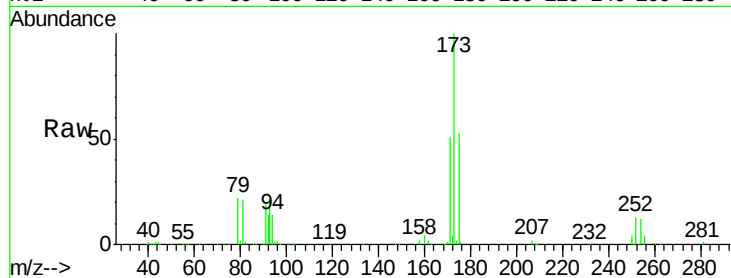




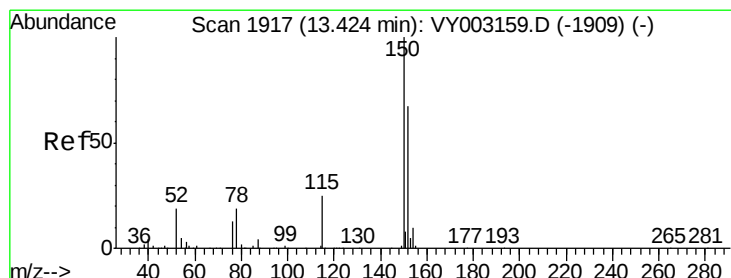
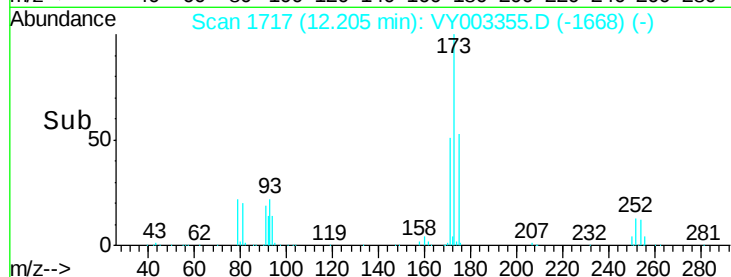
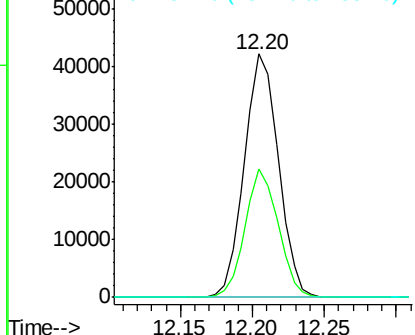
#71
Bromoform
Concen: 20.314 ug/l
RT: 12.20 min Scan# 1717
Delta R.T. -0.00 min
Lab File: VY003355.D
Acq: 27 Jul 2020 14:34

Instrument :
MSVOA_Y
ClientSampleId :
VY0727SBS01

Tot Ion:173 Resp: 69056
Ion Ratio Lower Upper
173 100
175 51.3 24.3 73.0
254 0.2 0.2 0.2

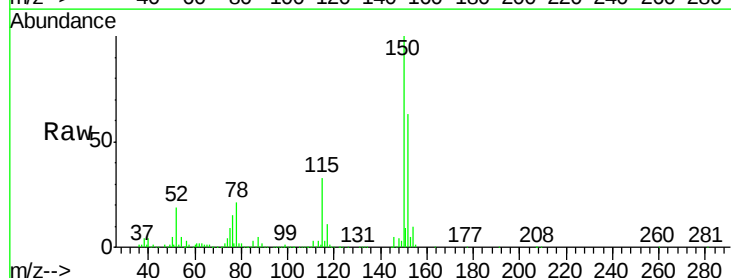


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

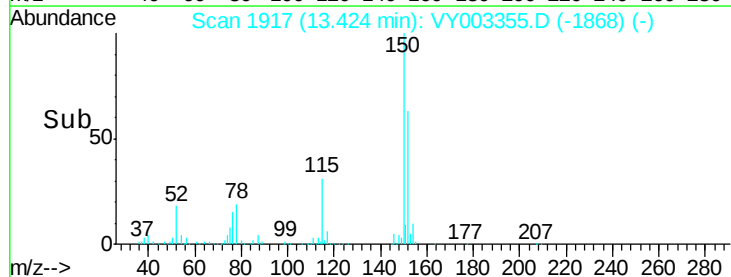
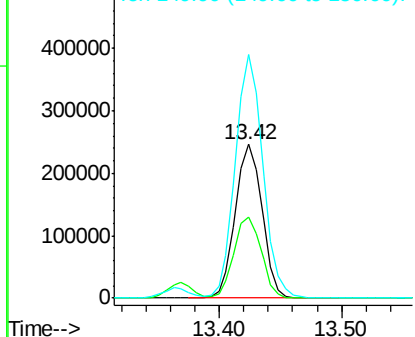


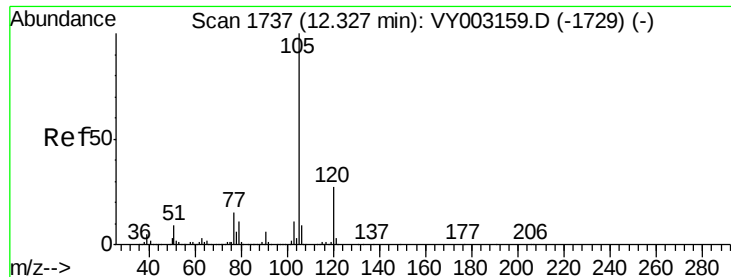
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY003355.D
Acq: 27 Jul 2020 14:34

Tgt Ion:152 Resp: 373190
Ion Ratio Lower Upper
152 100
115 53.6 26.9 80.7
150 162.2 0.0 338.0



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





#73

Isopropylbenzene

Concen: 20.489 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. -0.00 min

Lab File: VY003355.D

Acq: 27 Jul 2020 14:34

Instrument :

MSVOA_Y

ClientSampleId :

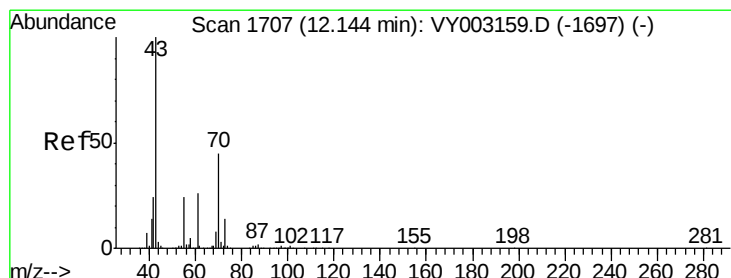
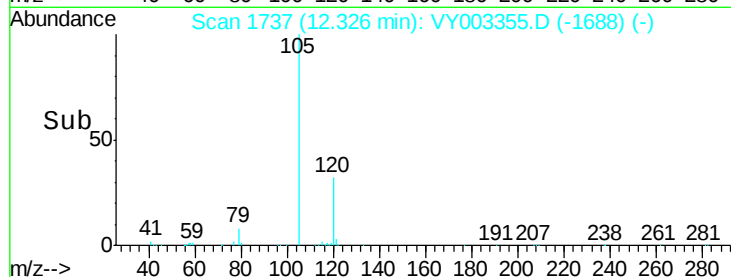
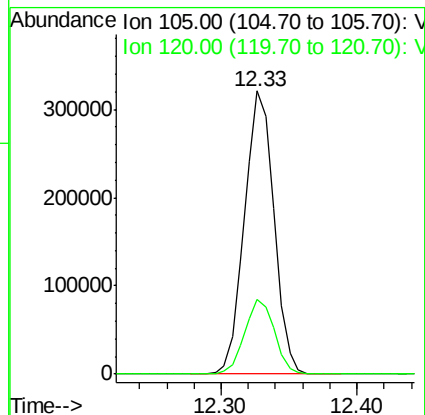
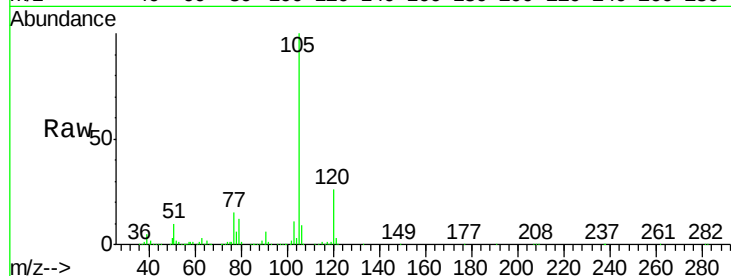
VY0727SBS01

Tot Ion:105 Resp: 487270

Ion Ratio Lower Upper

105 100

120 26.7 13.4 40.2



#74

N-ethyl acetate

Concen: 20.924 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VY003355.D

Acq: 27 Jul 2020 14:34

Tgt Ion: 43 Resp: 139624

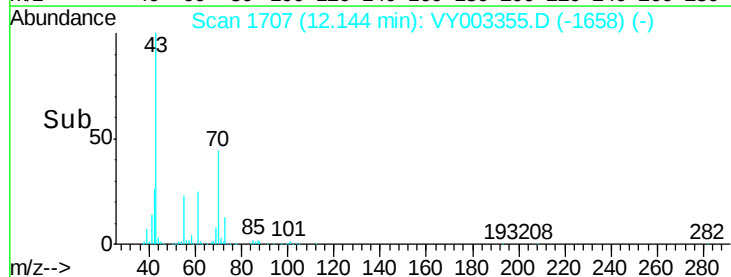
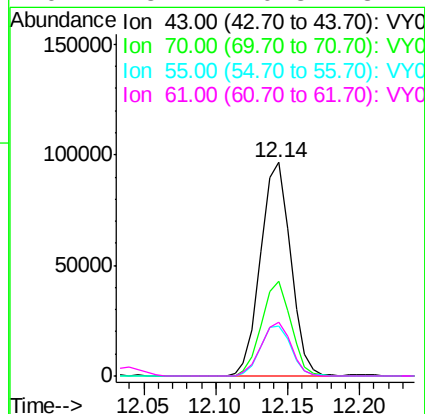
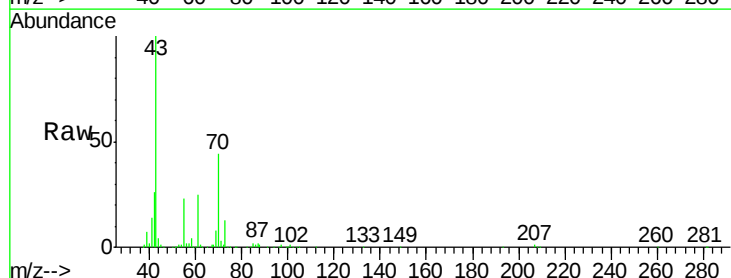
Ion Ratio Lower Upper

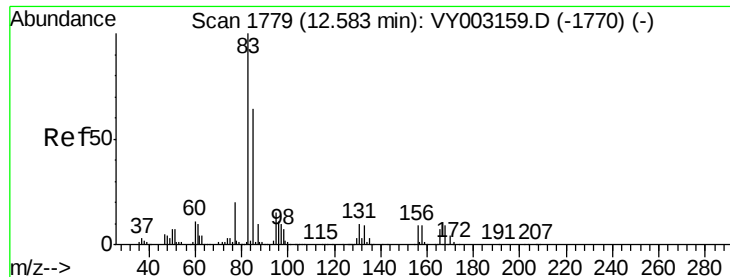
43 100

70 43.2 35.6 53.4

55 24.1 19.4 29.2

61 25.1 20.8 31.2





#75

1,1,2,2-Tetrachloroethane

Concen: 21.499 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VY003355.D

Acq: 27 Jul 2020 14:34

Instrument :

MSVOA_Y

ClientSampleId :

VY0727SBS01

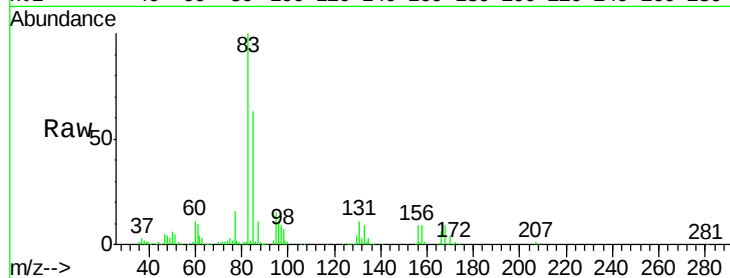
Tot Ion: 83 Resp: 98748

Ion Ratio Lower Upper

83 100

131 11.3 5.2 15.6

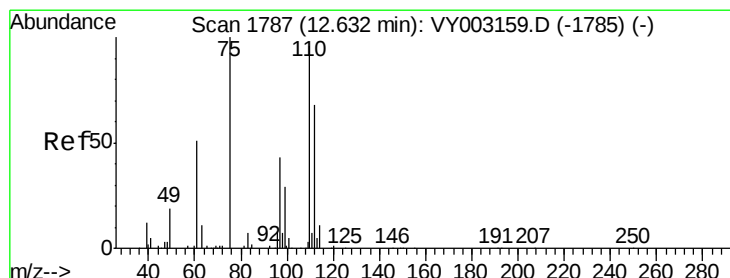
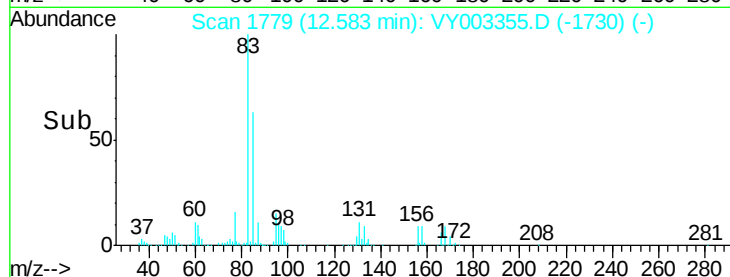
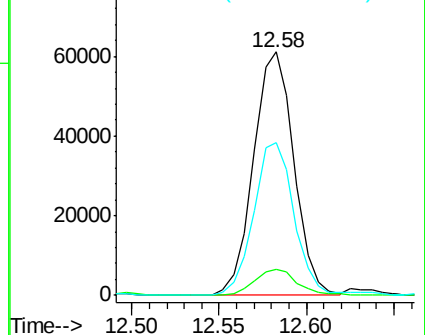
85 62.8 32.0 96.0



Abundance Ion 82.90 (82.60 to 83.60): VY0

Ion 130.80 (130.50 to 131.50): VY0

Ion 84.90 (84.60 to 85.60): VY0



#76

1,2,3-Trichloropropane

Concen: 20.684 ug/l m

RT: 12.63 min Scan# 1787

Delta R.T. -0.00 min

Lab File: VY003355.D

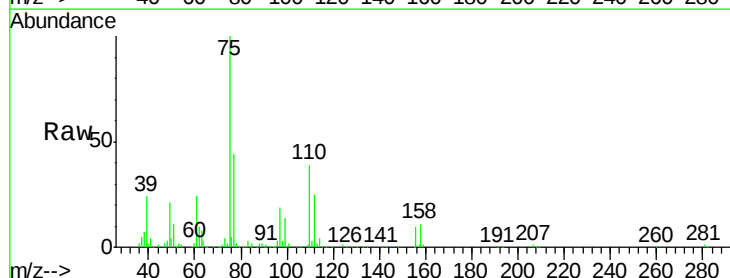
Acq: 27 Jul 2020 14:34

Tgt Ion: 75 Resp: 68328

Ion Ratio Lower Upper

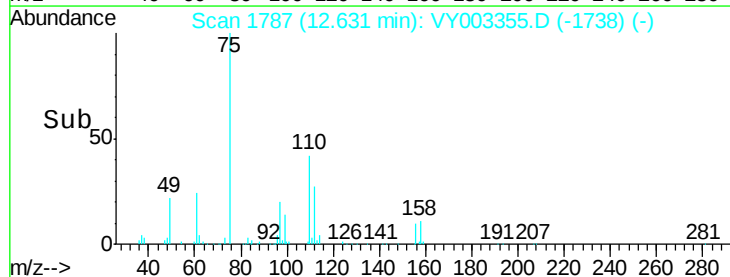
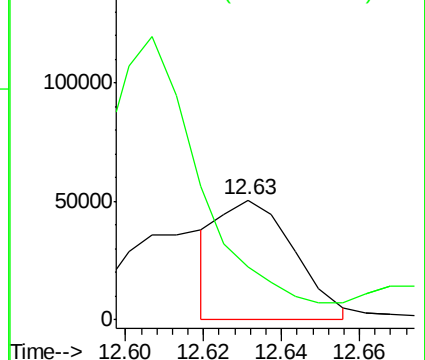
75 100

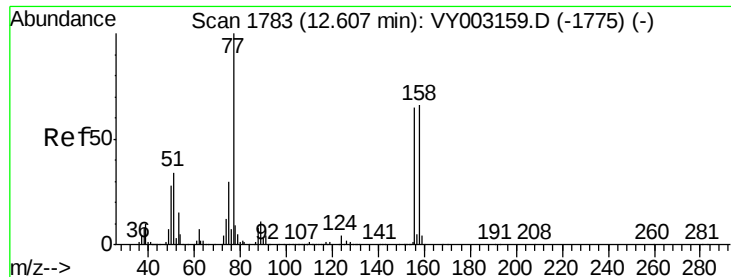
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 77.00 (76.70 to 77.70): VY0





#77

Bromobenzene

Concen: 20.356 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VY003355.D

Acq: 27 Jul 2020 14:34

Instrument :

MSVOA_Y

ClientSampleId :

VY0727SBS01

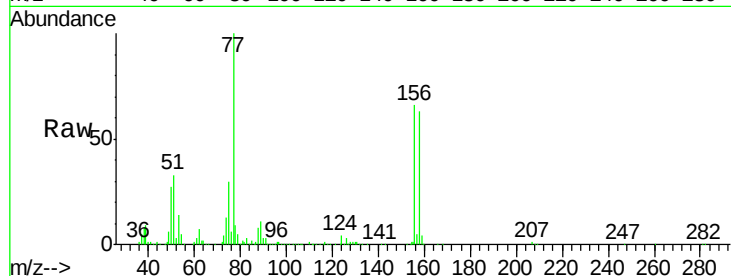
Tot Ion:156 Resp: 123398

Ion Ratio Lower Upper

156 100

77 174.3 86.6 259.7

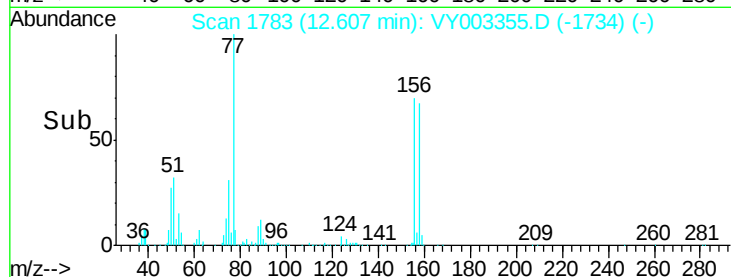
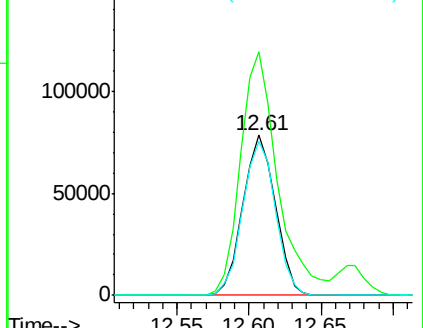
158 96.3 49.4 148.0



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.683 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VY003355.D

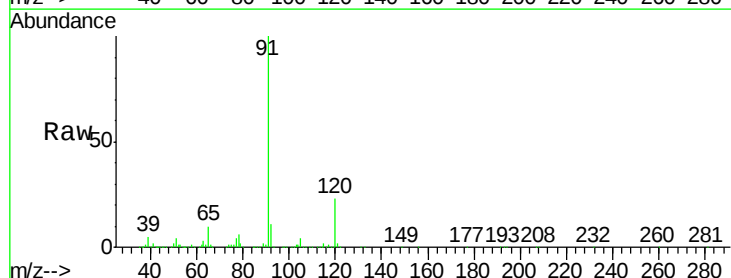
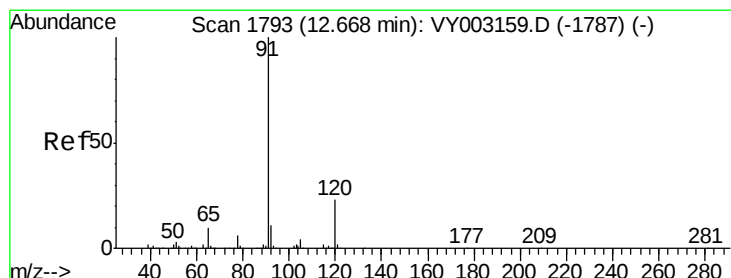
Acq: 27 Jul 2020 14:34

Tgt Ion: 91 Resp: 579817

Ion Ratio Lower Upper

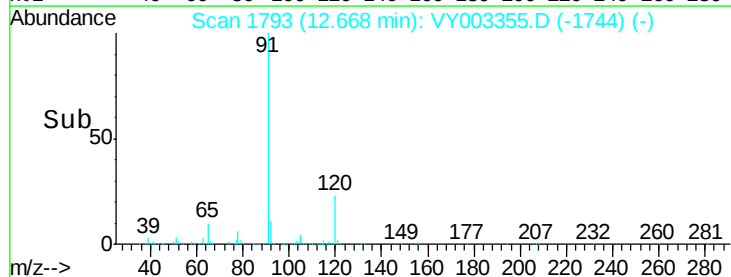
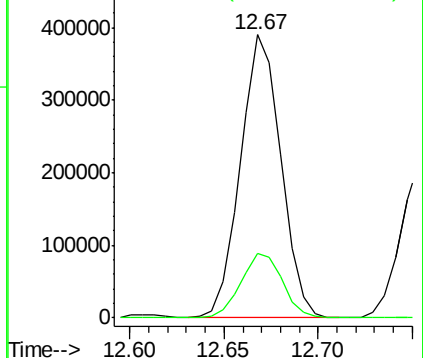
91 100

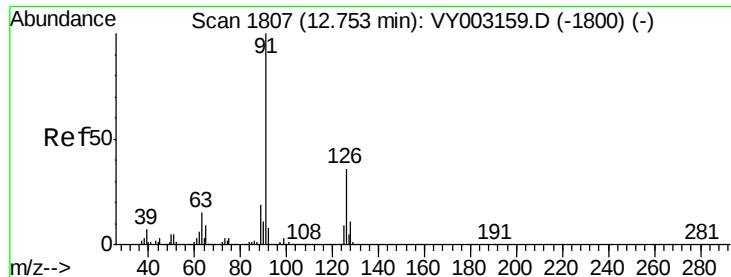
120 23.3 11.7 35.1



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V

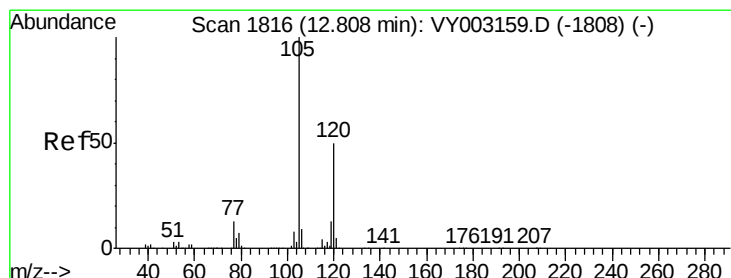
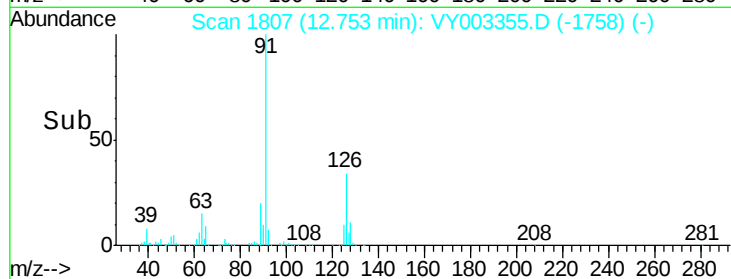
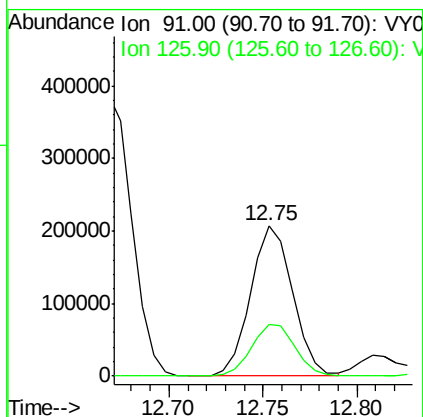
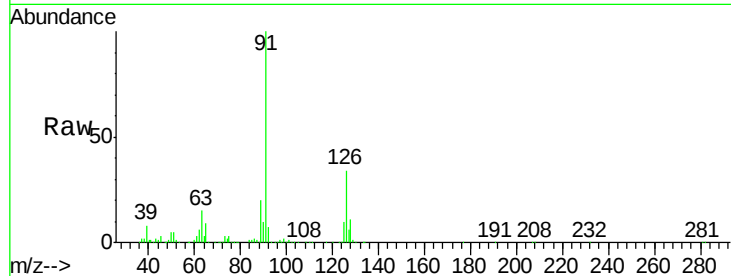




#79
 2-Chlorotoluene
 Concen: 20.507 ug/l
 RT: 12.75 min Scan# 1807
 Delta R.T. -0.00 min
 Lab File: VY003355.D
 Acq: 27 Jul 2020 14:34

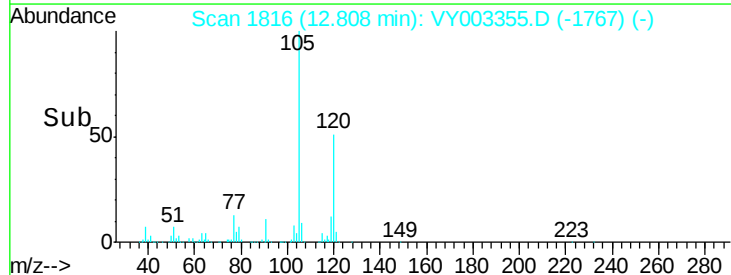
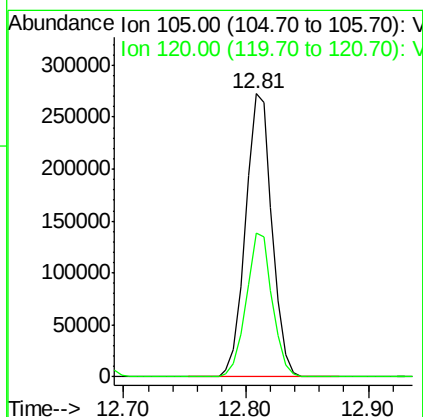
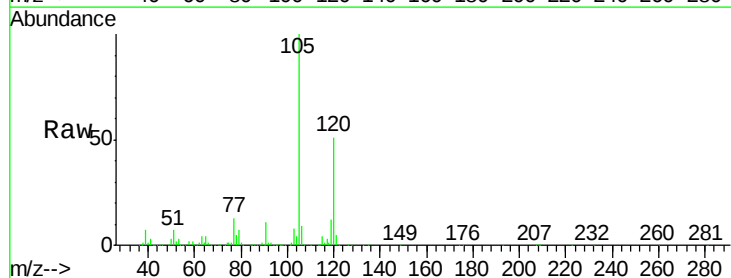
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0727SBS01

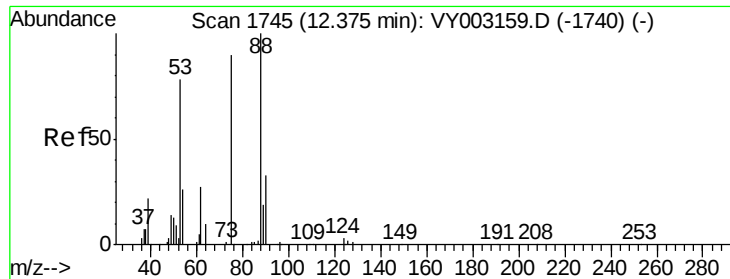
Tot Ion: 91 Resp: 320748
 Ion Ratio Lower Upper
 91 100
 126 35.5 17.6 52.9



#80
 1,3,5-Trimethylbenzene
 Concen: 20.527 ug/l
 RT: 12.81 min Scan# 1816
 Delta R.T. -0.00 min
 Lab File: VY003355.D
 Acq: 27 Jul 2020 14:34

Tgt Ion: 105 Resp: 406868
 Ion Ratio Lower Upper
 105 100
 120 50.1 24.9 74.6

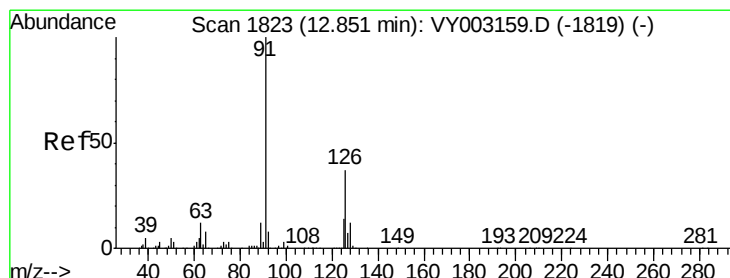
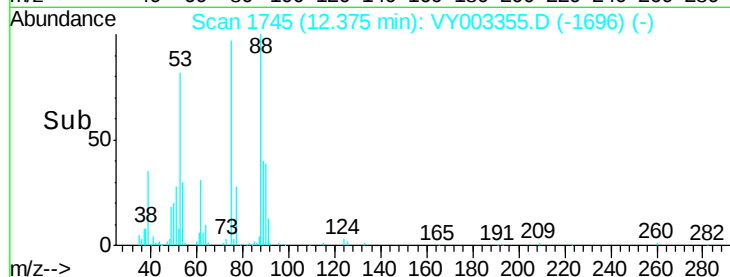
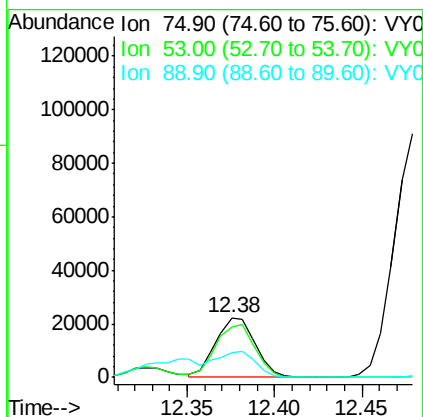
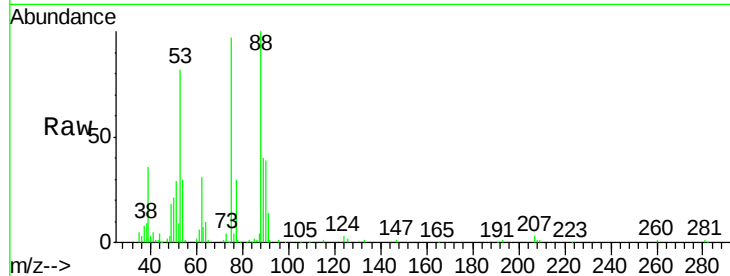




#81
trans-1,4-Dichloro-2-butene
Concen: 20.394 ug/l
RT: 12.38 min Scan# 1745
Delta R.T. -0.00 min
Lab File: VY003355.D
Acq: 27 Jul 2020 14:34

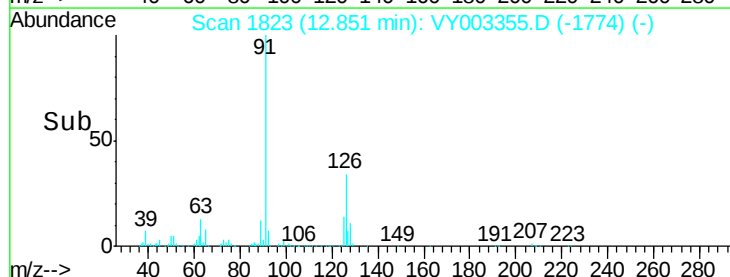
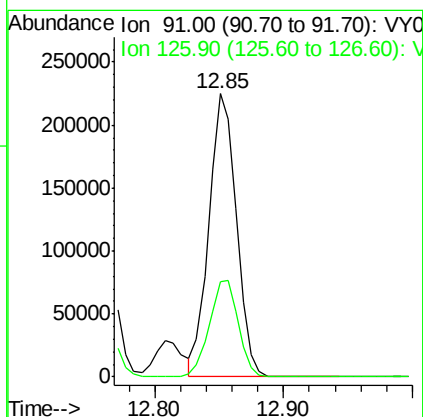
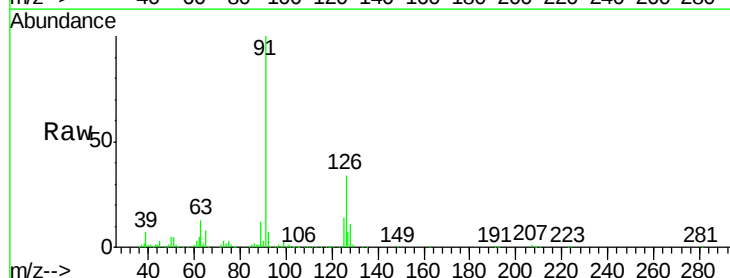
Instrument :
MSVOA_Y
ClientSampleId :
VY0727SBS01

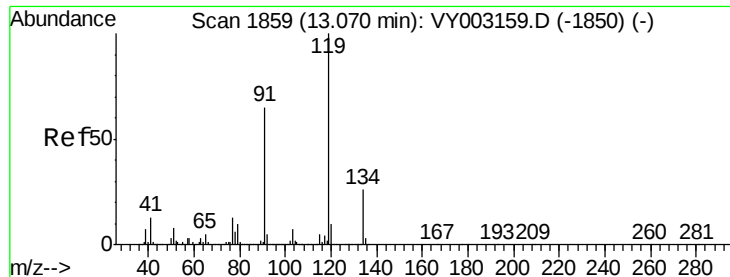
Tot Ion: 75 Resp: 34615
Ion Ratio Lower Upper
75 100
53 90.6 72.0 108.0
89 45.8 37.3 55.9



#82
4-Chlorotoluene
Concen: 20.639 ug/l
RT: 12.85 min Scan# 1823
Delta R.T. -0.00 min
Lab File: VY003355.D
Acq: 27 Jul 2020 14:34

Tgt Ion: 91 Resp: 336934
Ion Ratio Lower Upper
91 100
126 35.9 17.9 53.7

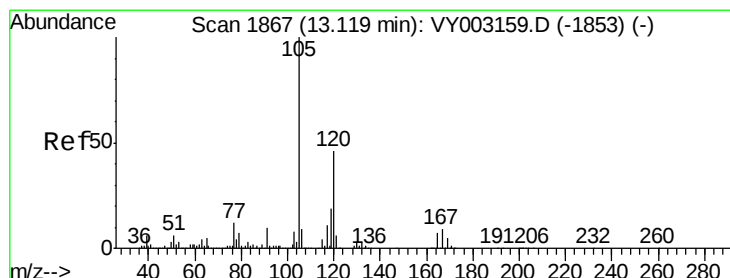
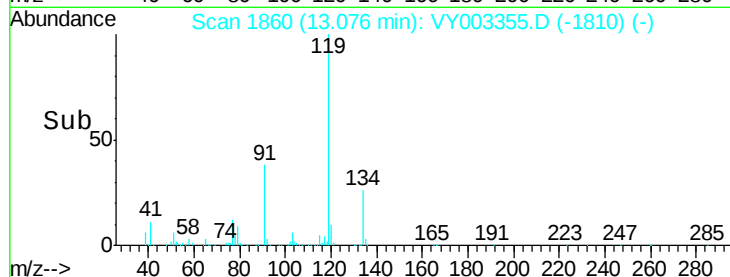
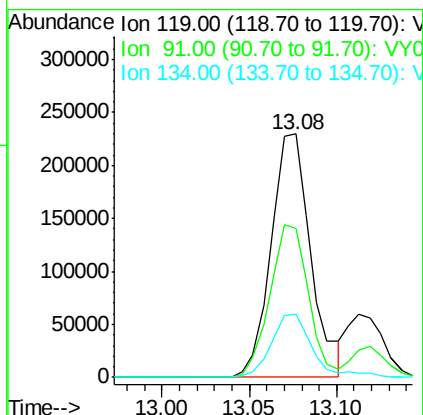
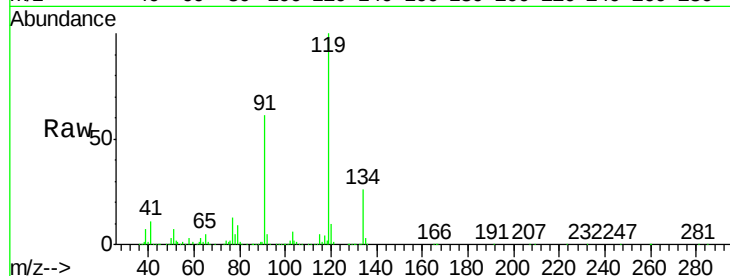




#83
tert-Butylbenzene
Concen: 20.806 ug/l
RT: 13.08 min Scan# 1860
Delta R.T. 0.01 min
Lab File: VY003355.D
Acq: 27 Jul 2020 14:34

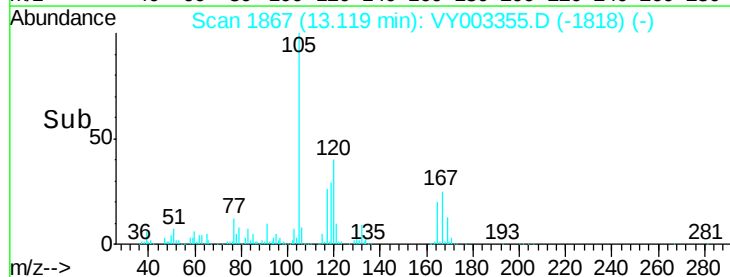
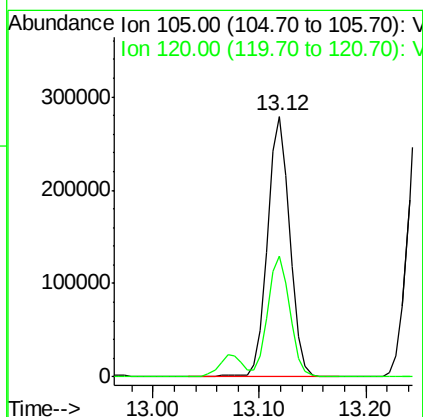
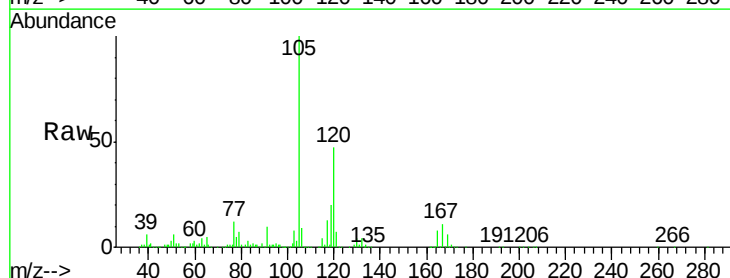
Instrument :
MSVOA_Y
ClientSampleId :
VY0727SBS01

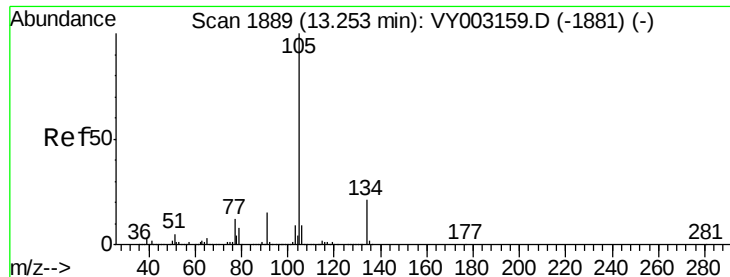
Tot Ion:119 Resp: 363891
Ion Ratio Lower Upper
119 100
91 61.0 30.8 92.4
134 26.7 13.2 39.6



#84
1,2,4-Trimethylbenzene
Concen: 20.559 ug/l
RT: 13.12 min Scan# 1867
Delta R.T. -0.00 min
Lab File: VY003355.D
Acq: 27 Jul 2020 14:34

Tgt Ion:105 Resp: 410029
Ion Ratio Lower Upper
105 100
120 46.4 22.5 67.5





#85

sec-Butylbenzene

Concen: 20.906 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VY003355.D

Acq: 27 Jul 2020 14:34

Instrument :

MSVOA_Y

ClientSampleId :

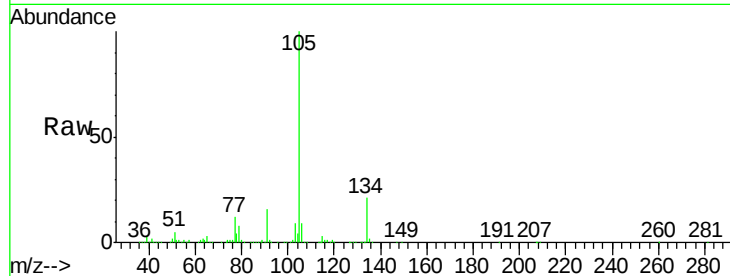
VY0727SBS01

Tot Ion:105 Resp: 502555

Ion Ratio Lower Upper

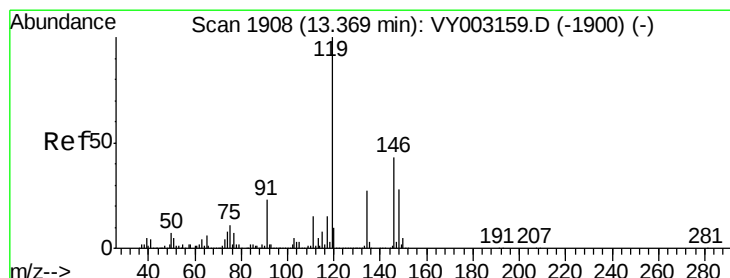
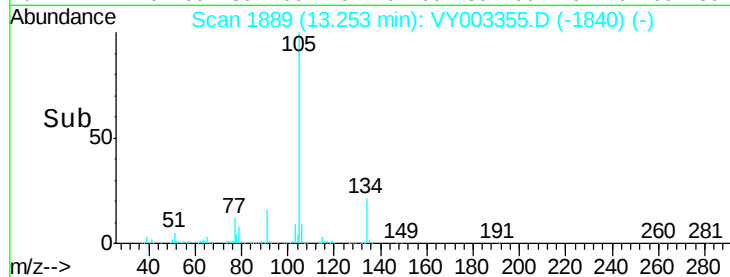
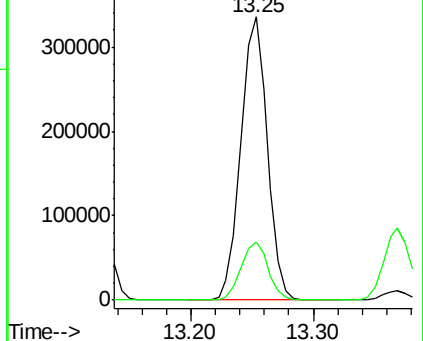
105 100

134 21.0 10.4 31.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 20.602 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. -0.00 min

Lab File: VY003355.D

Acq: 27 Jul 2020 14:34

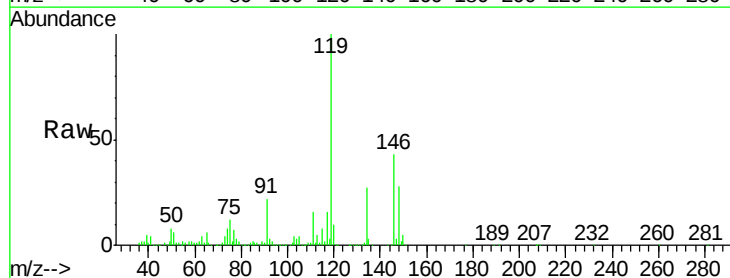
Tgt Ion:119 Resp: 462411

Ion Ratio Lower Upper

119 100

134 27.4 13.4 40.2

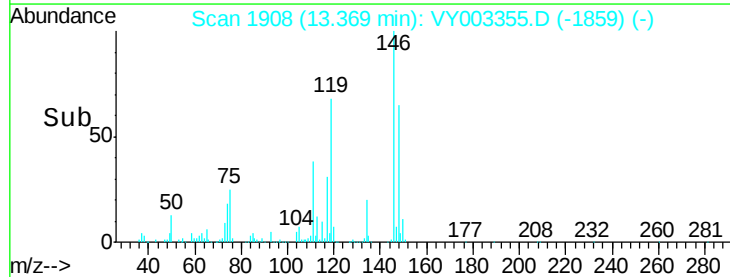
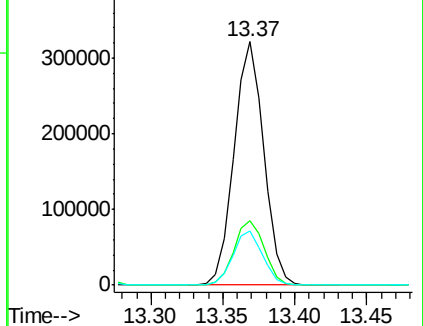
91 22.2 11.2 33.6

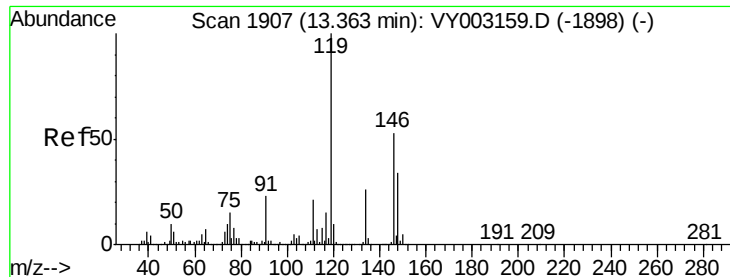


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0

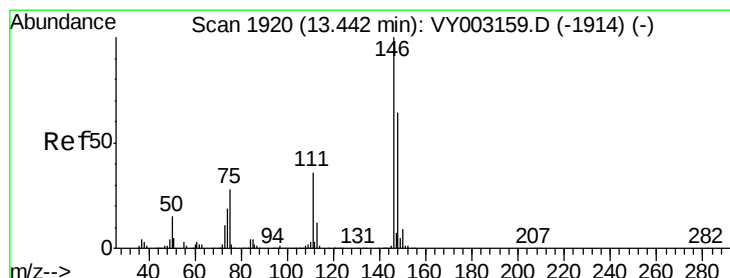
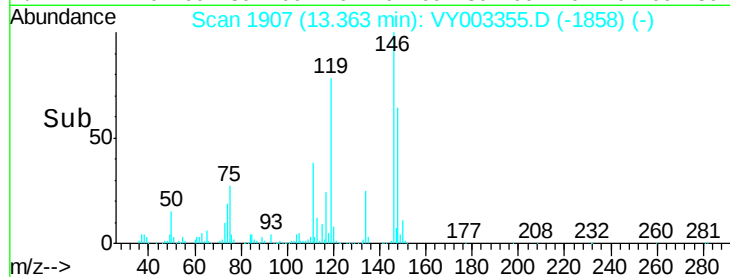
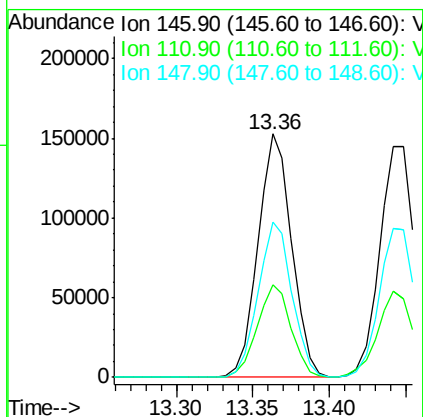
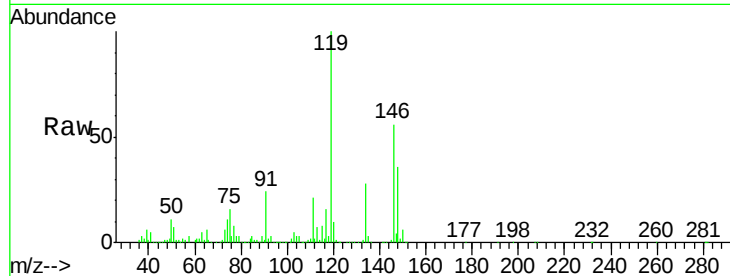




#87
 1,3-Dichlorobenzene
 Concen: 20.394 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. -0.00 min
 Lab File: VY003355.D
 Acq: 27 Jul 2020 14:34

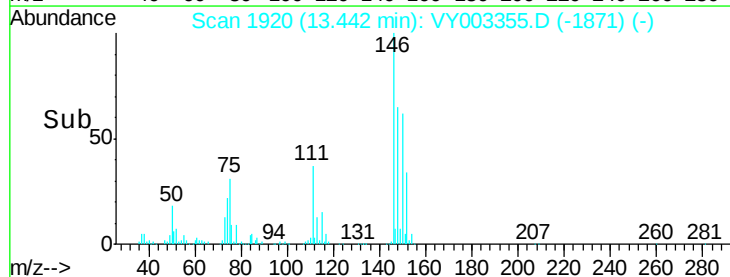
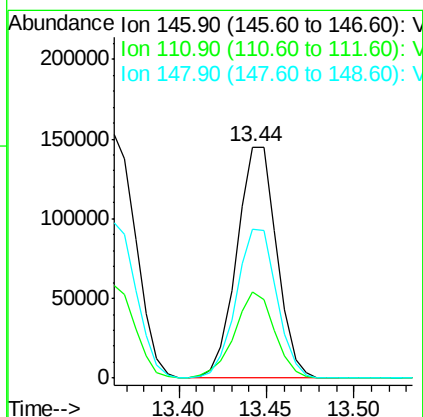
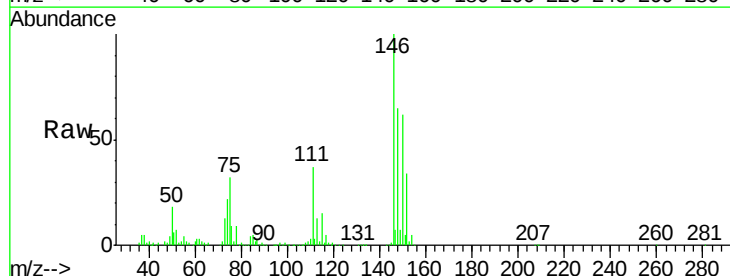
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0727SBS01

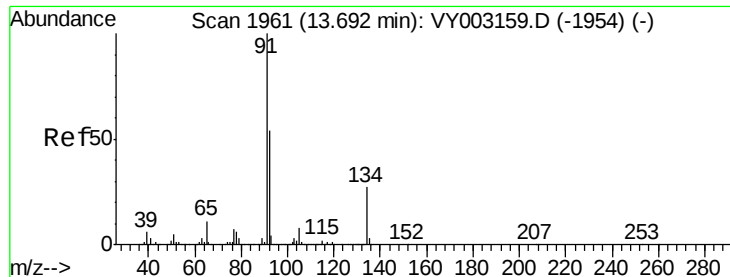
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.2	18.8	56.3
148	64.3	32.3	96.9



#88
 1,4-Dichlorobenzene
 Concen: 20.294 ug/l
 RT: 13.44 min Scan# 1920
 Delta R.T. -0.00 min
 Lab File: VY003355.D
 Acq: 27 Jul 2020 14:34

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.4	18.4	55.0
148	65.5	32.0	96.0





#89

n-Butylbenzene

Concen: 21.024 ug/l

RT: 13.70 min Scan# 1962

Delta R.T. 0.01 min

Lab File: VY003355.D

Acq: 27 Jul 2020 14:34

Instrument :

MSVOA_Y

ClientSampleId :

VY0727SBS01

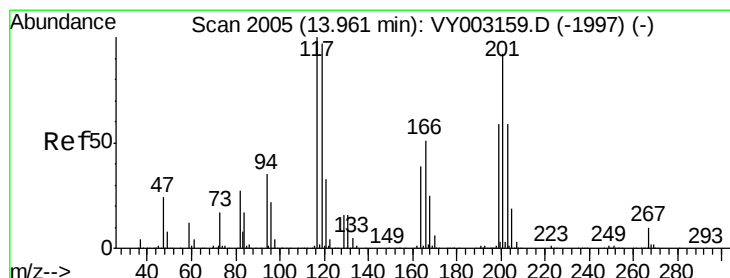
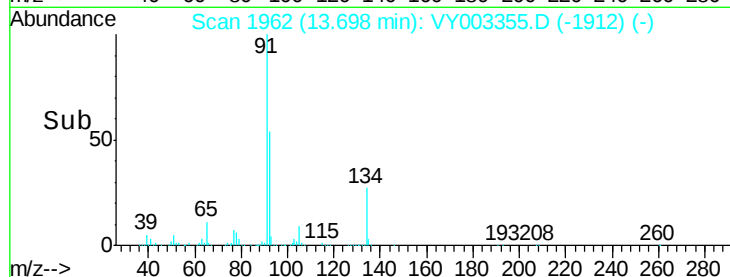
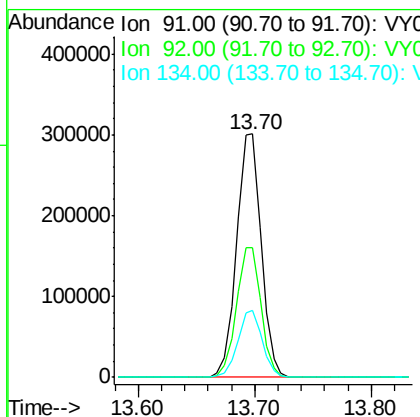
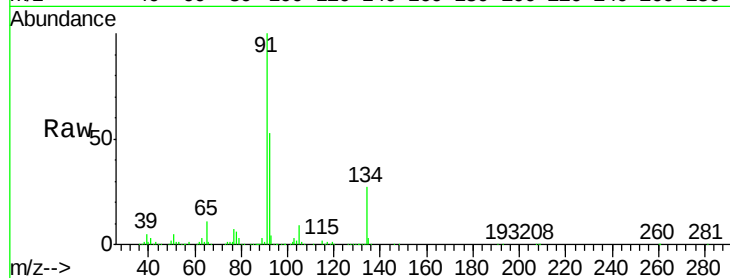
Tot Ion: 91 Resp: 443865

Ion Ratio Lower Upper

91 100

92 53.2 26.9 80.7

134 27.1 13.6 40.7



#90

Hexachloroethane

Concen: 21.795 ug/l

RT: 13.96 min Scan# 2005

Delta R.T. -0.00 min

Lab File: VY003355.D

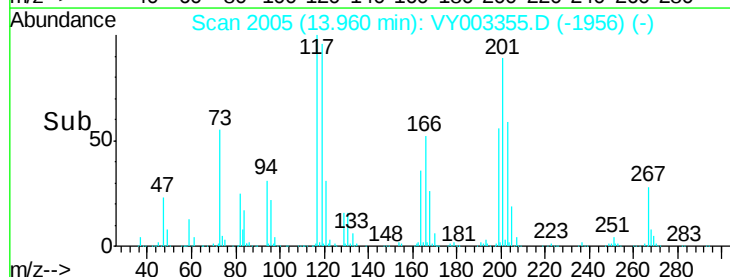
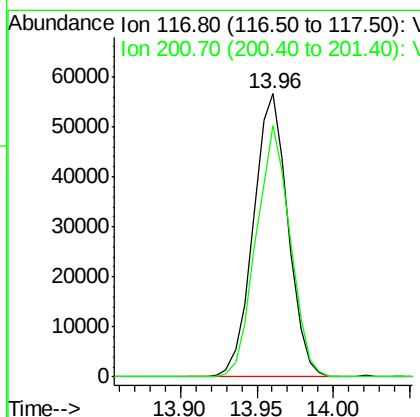
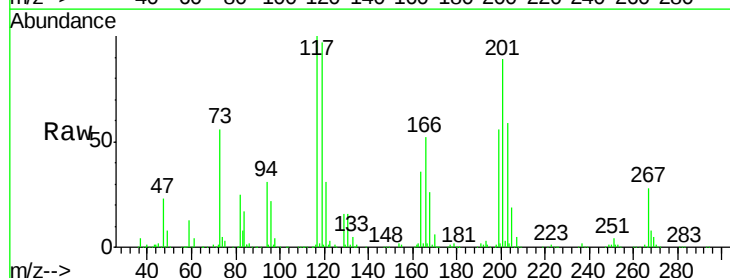
Acq: 27 Jul 2020 14:34

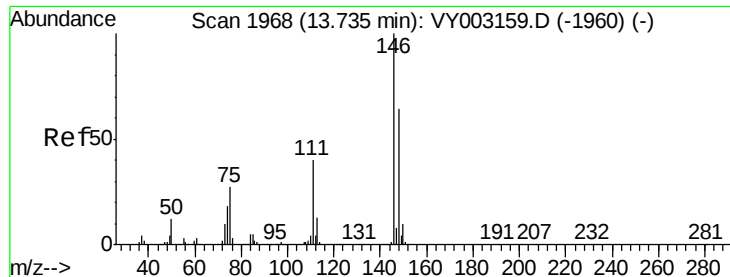
Tgt Ion: 117 Resp: 89087

Ion Ratio Lower Upper

117 100

201 87.4 45.1 135.3

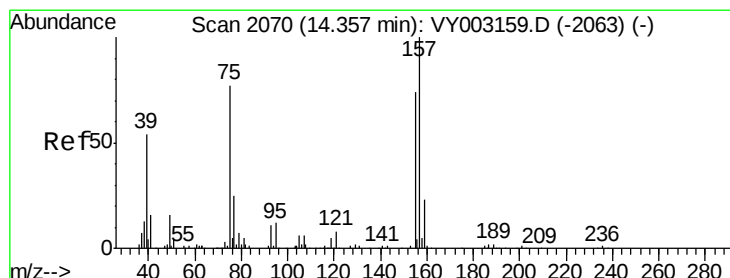
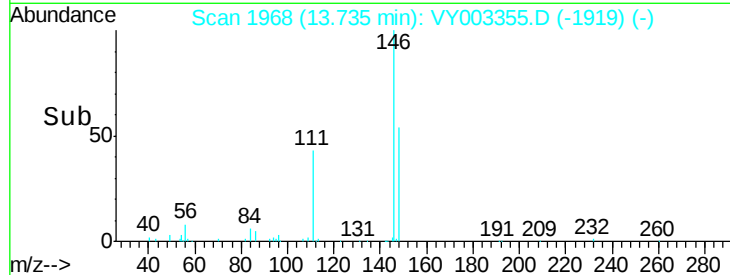
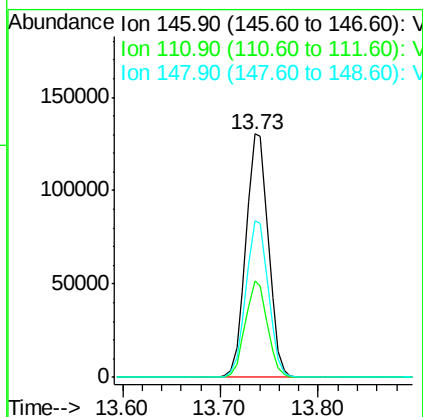
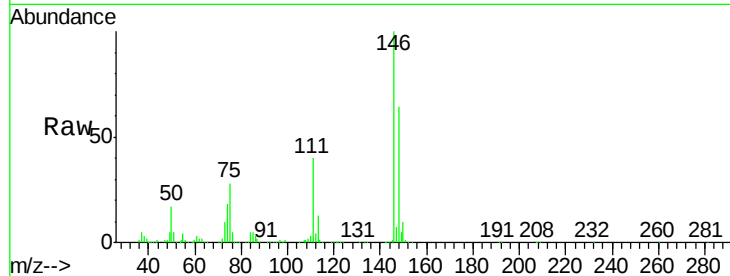




#91
 1,2-Dichlorobenzene
 Concen: 20.684 ug/l
 RT: 13.73 min Scan# 1968
 Delta R.T. -0.00 min
 Lab File: VY003355.D
 Acq: 27 Jul 2020 14:34

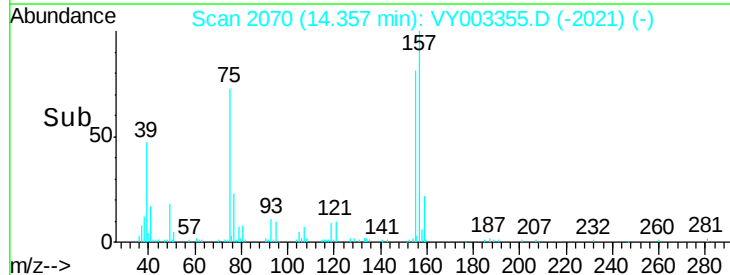
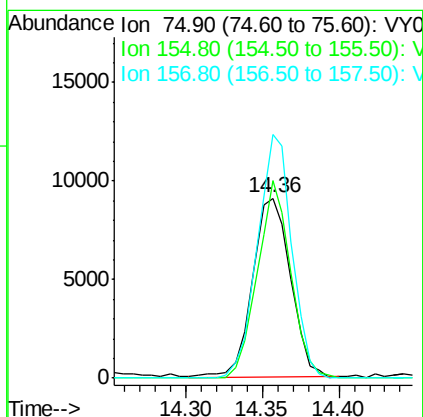
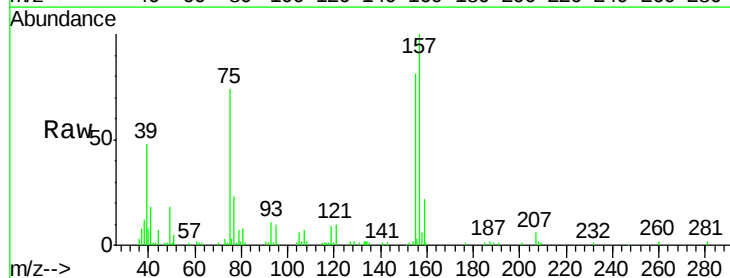
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0727SBS01

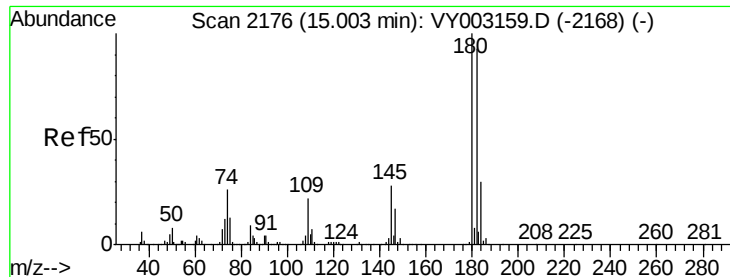
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.7	19.6	58.8
148	64.2	32.4	97.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.922 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. -0.00 min
 Lab File: VY003355.D
 Acq: 27 Jul 2020 14:34

Tgt Ion	Ratio	Lower	Upper
75	100		
155	97.2	48.1	144.3
157	124.3	61.9	185.6

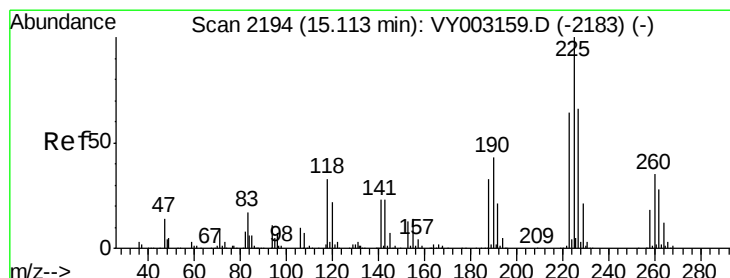
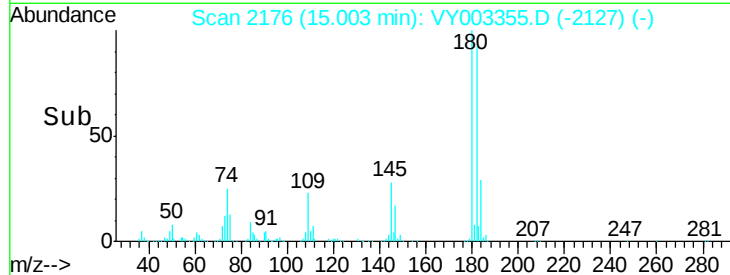
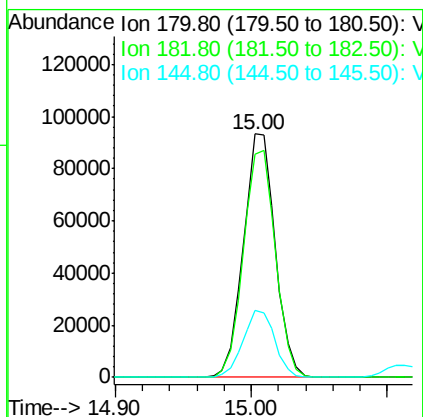
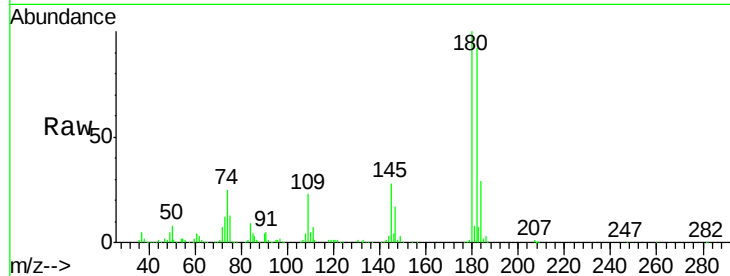




#93
 1,2,4-Trichlorobenzene
 Concen: 21.255 ug/l
 RT: 15.00 min Scan# 2176
 Delta R.T. -0.00 min
 Lab File: VY003355.D
 Acq: 27 Jul 2020 14:34

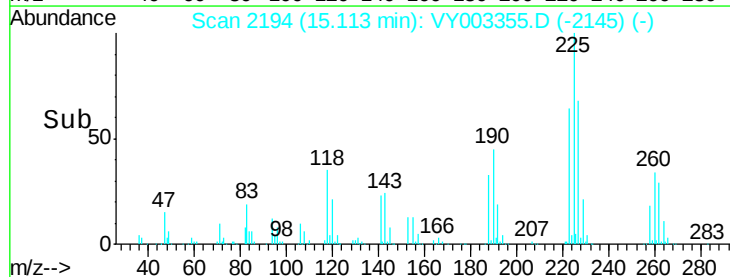
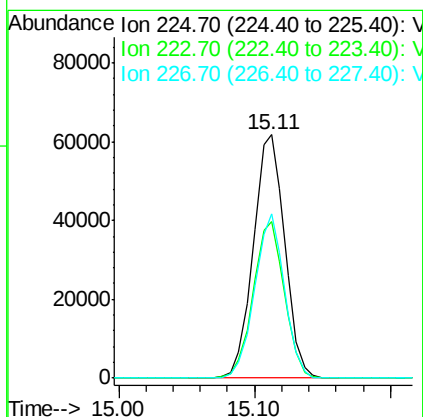
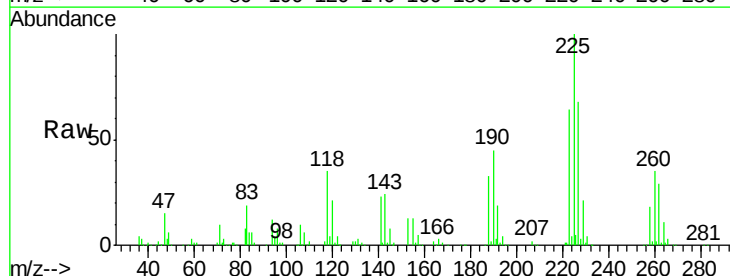
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0727SBS01

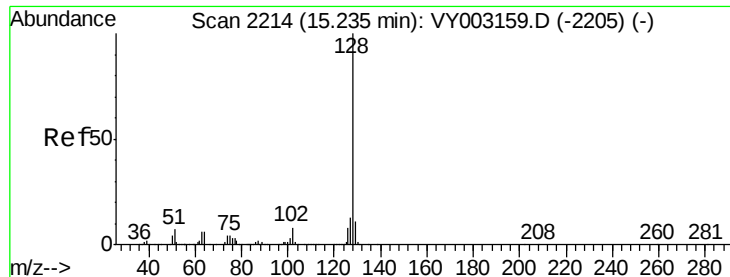
Tot Ion	Ratio	Lower	Upper
180	100		
182	94.1	47.3	142.0
145	27.4	13.7	41.1



#94
 Hexachlorobutadiene
 Concen: 20.390 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. -0.00 min
 Lab File: VY003355.D
 Acq: 27 Jul 2020 14:34

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.7	31.6	94.7
227	63.9	32.3	96.8





#95

Naphthalene

Concen: 21.442 ug/l

RT: 15.23 min Scan# 2214

Delta R.T. -0.00 min

Lab File: VY003355.D

Acq: 27 Jul 2020 14:34

Instrument :

MSVOA_Y

ClientSampleId :

VY0727SBS01

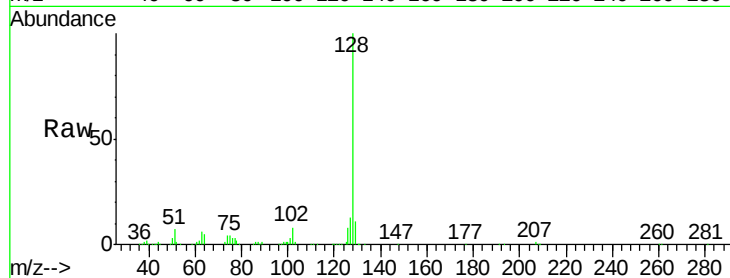
Tot Ion:128 Resp: 253619

Ion Ratio Lower Upper

128 100

127 13.6 10.9 16.3

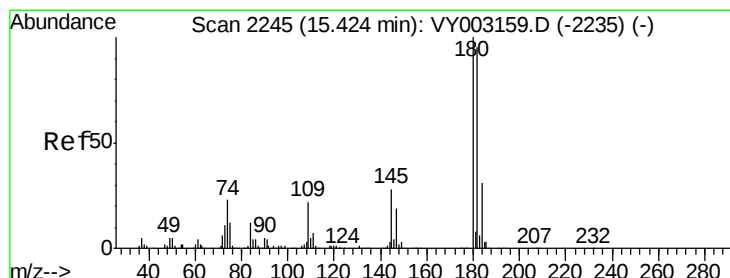
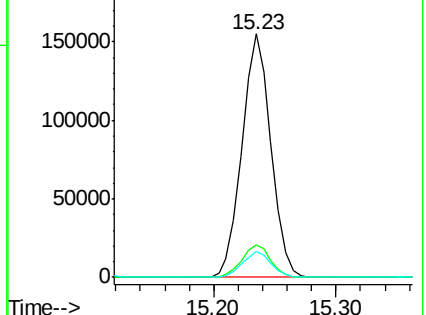
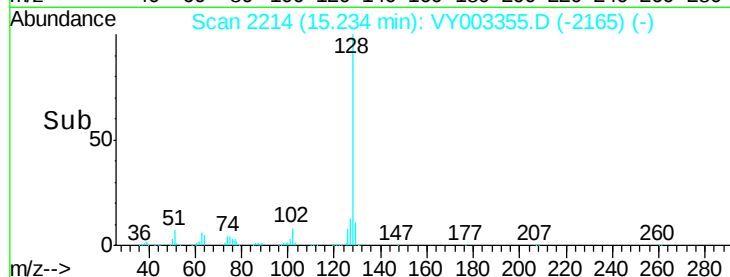
129 10.6 9.0 13.6



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 21.265 ug/l

RT: 15.42 min Scan# 2245

Delta R.T. -0.00 min

Lab File: VY003355.D

Acq: 27 Jul 2020 14:34

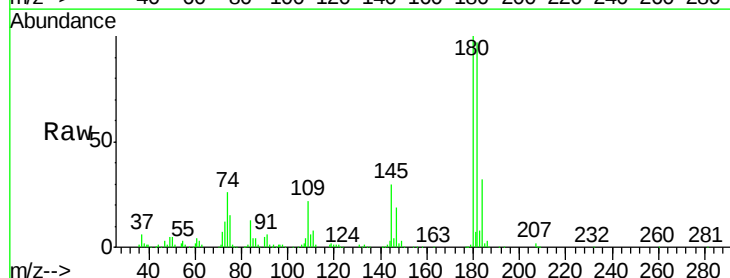
Tgt Ion:180 Resp: 120305

Ion Ratio Lower Upper

180 100

182 96.1 48.8 146.3

145 29.7 14.9 44.5



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

