

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY062920\
 Data File : VY003007.D
 Acq On : 29 Jun 2020 15:32
 Operator : SY/MD
 Sample : VY0629SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0629SBS01

Quant Time: Jun 30 05:54:23 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y062920S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 30 04:11:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	493428	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	727423	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	658447	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	354007	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.14	65	252000	51.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.84%	
35) Dibromofluoromethane	7.72	113	232534	51.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.48%	
50) Toluene-d8	10.18	98	869314	51.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.84%	
62) 4-Bromofluorobenzene	12.48	95	308588	51.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.72%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	74512	19.940	ug/l	100
3) Chloromethane	2.12	50	101430	18.536	ug/l	100
4) Vinyl Chloride	2.26	62	109787	20.568	ug/l	97
5) Bromomethane	2.65	94	81321	22.438	ug/l	100
6) Chloroethane	2.79	64	72033	21.213	ug/l	93
7) Trichlorofluoromethane	3.13	101	160429	21.294	ug/l	99
8) Diethyl Ether	3.54	74	54615	21.146	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.90	101	99600	22.141	ug/l	99
10) Methyl Iodide	4.10	142	114583	20.542	ug/l	100
11) Tert butyl alcohol	4.96	59	56716	113.559	ug/l	99
12) 1,1-Dichloroethene	3.88	96	92474	21.605	ug/l	98
13) Acrolein	3.74	56	47935	106.862	ug/l	99
14) Allyl chloride	4.48	41	159023	21.280	ug/l	99
15) Acrylonitrile	5.18	53	144252	108.370	ug/l	100
16) Acetone	3.96	43	114751	99.280	ug/l	99
17) Carbon Disulfide	4.20	76	295370	21.599	ug/l	99
18) Methyl Acetate	4.49	43	65705	21.100	ug/l	99
19) Methyl tert-butyl Ether	5.22	73	277122	22.212	ug/l	98
20) Methylene Chloride	4.72	84	130032	21.195	ug/l	96
21) trans-1,2-Dichloroethene	5.22	96	107060	22.113	ug/l	95
22) Diisopropyl ether	6.13	45	341789	21.339	ug/l	98
23) Vinyl Acetate	6.07	43	1159549	108.285	ug/l	100
24) 1,1-Dichloroethane	6.02	63	185025	21.147	ug/l	99
25) 2-Butanone	6.99	43	197313	107.467	ug/l	99
26) 2,2-Dichloropropane	6.99	77	175909	22.129	ug/l	97
27) cis-1,2-Dichloroethene	6.99	96	117059	21.557	ug/l	99
28) Bromochloromethane	7.33	49	77334	19.865	ug/l	98
29) Tetrahydrofuran	7.35	42	133060	108.979	ug/l	98
30) Chloroform	7.51	83	188706	21.771	ug/l	99
31) Cyclohexane	7.78	56	180162	20.902	ug/l	97
32) 1,1,1-Trichloroethane	7.71	97	170647	21.568	ug/l	99
36) 1,1-Dichloropropene	7.92	75	151573	21.632	ug/l	99
37) Ethyl Acetate	7.08	43	93380	22.165	ug/l	99
38) Carbon Tetrachloride	7.91	117	154756	21.228	ug/l	96

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 Quant Title : SW846 8260
 QLast Update : Tue Jun 30 04:11:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	187636	21.598	ug/l	99
40) Benzene	8.16	78	412085	21.482	ug/l	100
41) Methacrylonitrile	7.35	41	127027	56.445	ug/l #	1
42) 1,2-Dichloroethane	8.24	62	131802	21.719	ug/l	100
43) Isopropyl Acetate	8.28	43	170268	21.260	ug/l	97
44) Trichloroethene	8.94	130	121578	21.805	ug/l	97
45) 1,2-Dichloropropane	9.22	63	110494	21.410	ug/l	99
46) Dibromomethane	9.31	93	62932	21.833	ug/l	97
47) Bromodichloromethane	9.50	83	151516	21.467	ug/l	97
48) Methyl methacrylate	9.30	41	77910	21.372	ug/l	97
49) 1,4-Dioxane	9.31	88	15255	433.554	ug/l	96
51) 4-Methyl-2-Pentanone	10.07	43	456737	110.337	ug/l	100
52) Toluene	10.24	92	260407	21.565	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	158563	21.428	ug/l	95
54) cis-1,3-Dichloropropene	9.93	75	179261	21.182	ug/l	96
55) 1,1,2-Trichloroethane	10.64	97	87501	21.846	ug/l	98
56) Ethyl methacrylate	10.51	69	128214	22.113	ug/l	98
57) 1,3-Dichloropropane	10.79	76	153924	21.890	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.78	63	287378	96.641	ug/l	99
59) 2-Hexanone	10.83	43	315802	109.148	ug/l	99
60) Dibromochloromethane	10.99	129	110455	21.549	ug/l	100
61) 1,2-Dibromoethane	11.09	107	84414	21.377	ug/l	100
64) Tetrachloroethene	10.72	164	125462	22.514	ug/l	98
65) Chlorobenzene	11.52	112	284019	21.876	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.59	131	109369	21.576	ug/l	99
67) Ethyl Benzene	11.59	91	514624	21.666	ug/l	99
68) m/p-Xylenes	11.70	106	382164	43.231	ug/l	99
69) o-Xylene	12.03	106	181805	21.825	ug/l	99
70) Styrene	12.05	104	309246	21.730	ug/l	98
71) Bromoform	12.21	173	74853	22.146	ug/l #	99
73) Isopropylbenzene	12.33	105	497923	21.492	ug/l	100
74) N-amyl acetate	12.14	43	163342	21.657	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	99466	21.274	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	143579	40.981	ug/l #	100
77) Bromobenzene	12.61	156	126288	21.259	ug/l	99
78) n-propylbenzene	12.67	91	600727	21.560	ug/l	100
79) 2-Chlorotoluene	12.75	91	333139	21.420	ug/l	98
80) 1,3,5-Trimethylbenzene	12.81	105	416689	21.433	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	39167	21.750	ug/l	97
82) 4-Chlorotoluene	12.86	91	351871	21.730	ug/l	99
83) tert-Butylbenzene	13.08	119	363955	21.320	ug/l	100
84) 1,2,4-Trimethylbenzene	13.12	105	428851	21.891	ug/l	99
85) sec-Butylbenzene	13.25	105	510216	21.684	ug/l	100
86) p-Isopropyltoluene	13.37	119	466881	21.413	ug/l	99
87) 1,3-Dichlorobenzene	13.37	146	236347	21.311	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	235287	21.515	ug/l	99
89) n-Butylbenzene	13.70	91	452690	21.700	ug/l	99
90) Hexachloroethane	13.96	117	93543	21.606	ug/l	99
91) 1,2-Dichlorobenzene	13.74	146	213091	21.415	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.36	75	19093	23.069	ug/l	100

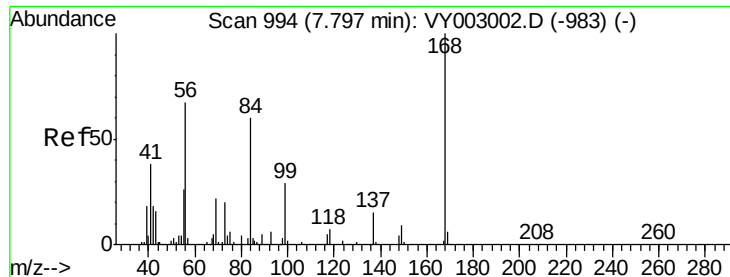
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY062920\
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Quant Title : SW846 8260
QLast Update : Tue Jun 30 04:11:35 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	160528	21.711	ug/l	99
94) Hexachlorobutadiene	15.11	225	103703	22.236	ug/l	98
95) Naphthalene	15.24	128	299057	22.144	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	140602	21.900	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: VY003007.D

Acq: 29 Jun 2020 15:32

Instrument :

MSVOA_Y

ClientSampleId :

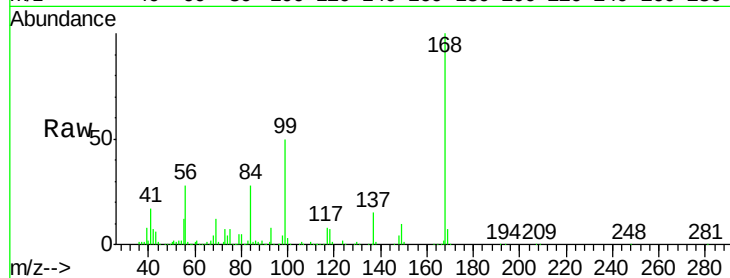
VY0629SBS01

Tot Ion:168 Resp: 493428

Ion Ratio Lower Upper

168 100

99 50.0 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): VY0

Ion 98.90 (98.60 to 99.60): VY0

7.80

250000

200000

150000

100000

50000

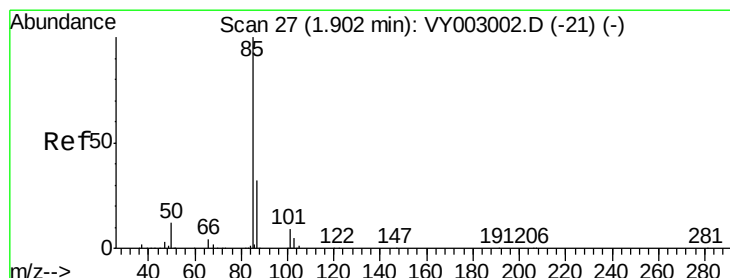
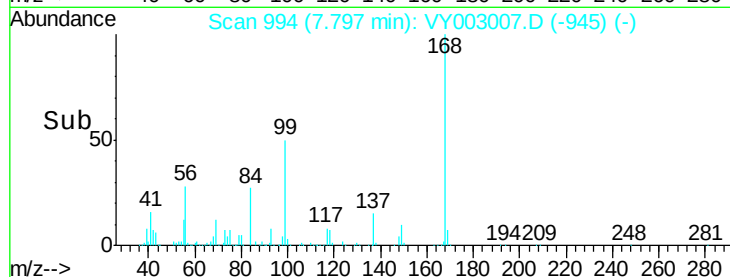
0

7.70

7.80

7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 19.940 ug/l

RT: 1.91 min Scan# 28

Delta R.T. 0.01 min

Lab File: VY003007.D

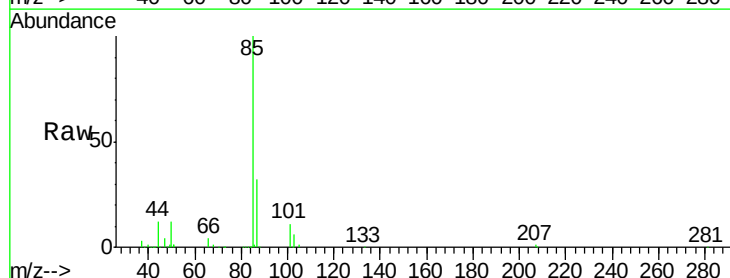
Acq: 29 Jun 2020 15:32

Tgt Ion: 85 Resp: 74512

Ion Ratio Lower Upper

85 100

87 31.6 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VY0

Ion 86.90 (86.60 to 87.60): VY0

1.91

50000

40000

30000

20000

10000

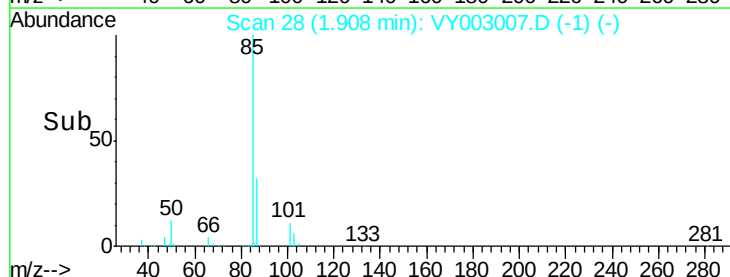
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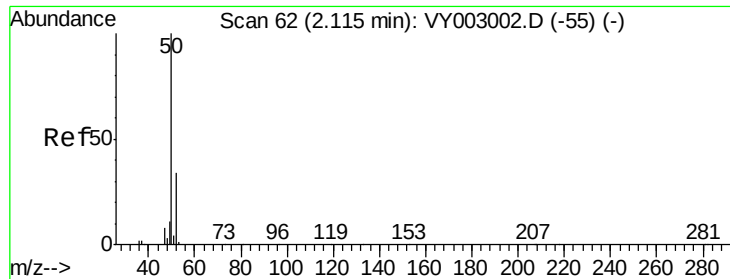
1.80

1.90

2.00

Time-->





#3

Chloromethane

Concen: 18.536 ug/l

RT: 2.12 min Scan# 62

Delta R.T. -0.00 min

Lab File: VY003007.D

Acq: 29 Jun 2020 15:32

Instrument :

MSVOA_Y

ClientSampleId :

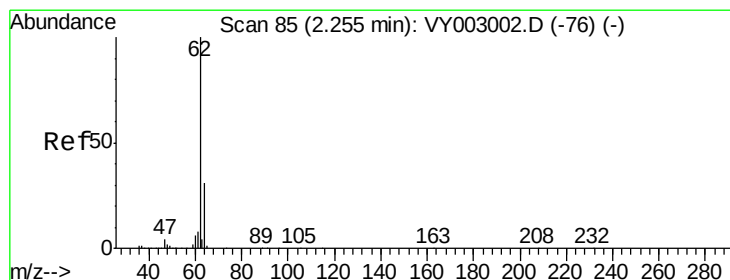
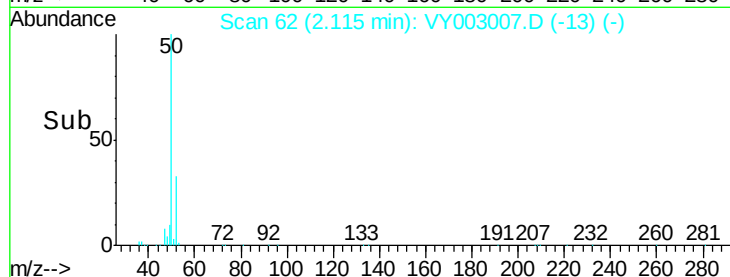
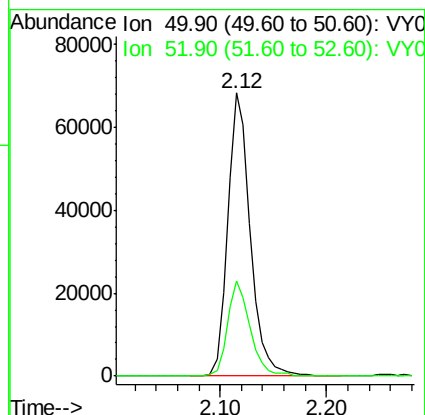
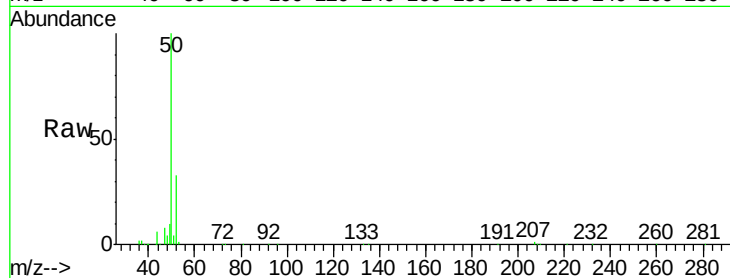
VY0629SBS01

Tot Ion: 50 Resp: 101430

Ion Ratio Lower Upper

50 100

52 33.5 26.9 40.3



#4

Vinyl Chloride

Concen: 20.568 ug/l

RT: 2.26 min Scan# 85

Delta R.T. -0.00 min

Lab File: VY003007.D

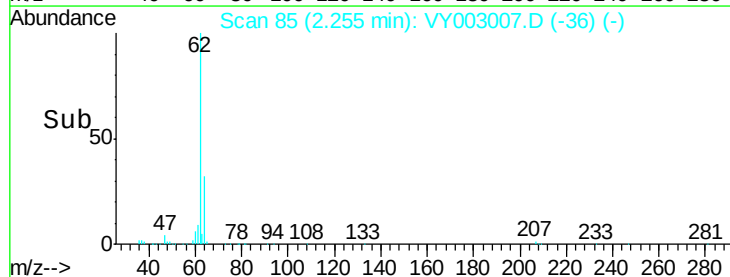
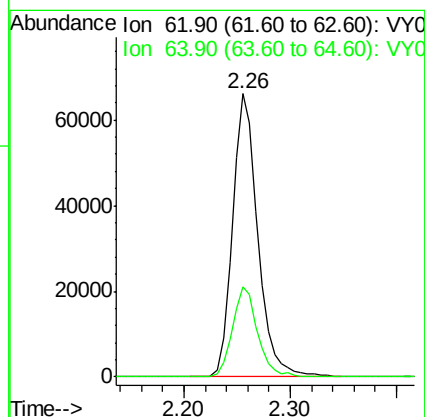
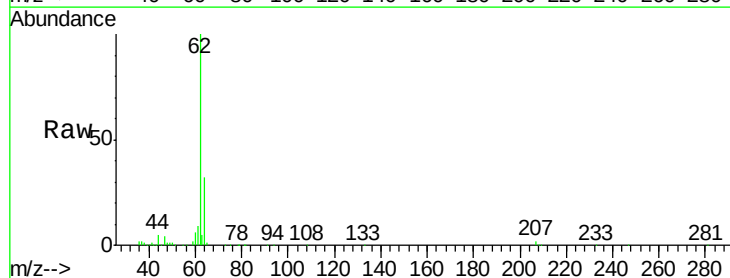
Acq: 29 Jun 2020 15:32

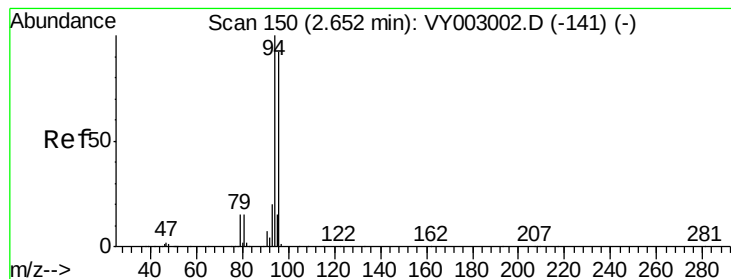
Tgt Ion: 62 Resp: 109787

Ion Ratio Lower Upper

62 100

64 32.0 24.4 36.6





#5

Bromomethane

Concen: 22.438 ug/l

RT: 2.65 min Scan# 150

Delta R.T. -0.00 min

Lab File: VY003007.D

Acq: 29 Jun 2020 15:32

Instrument :

MSVOA_Y

ClientSampleId :

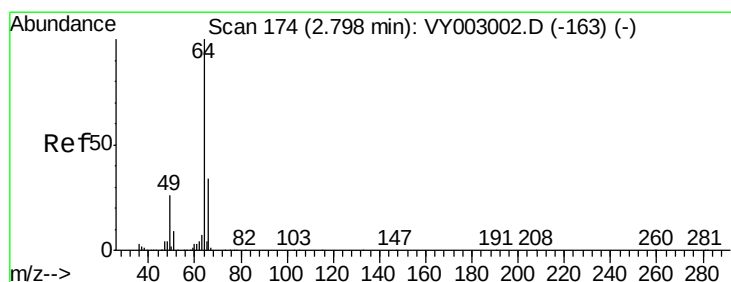
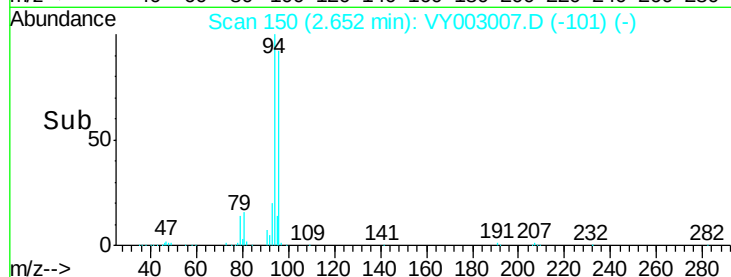
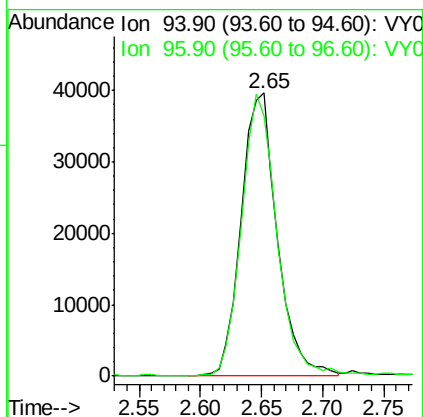
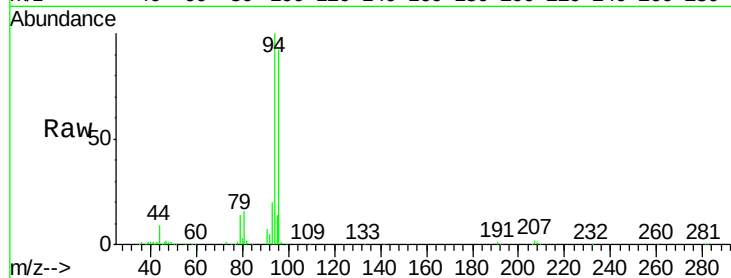
VY0629SBS01

Tot Ion: 94 Resp: 81321

Ion Ratio Lower Upper

94 100

96 91.6 73.4 110.2



#6

Chloroethane

Concen: 21.213 ug/l

RT: 2.79 min Scan# 173

Delta R.T. -0.01 min

Lab File: VY003007.D

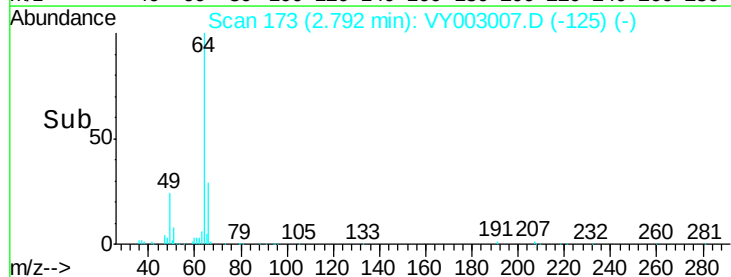
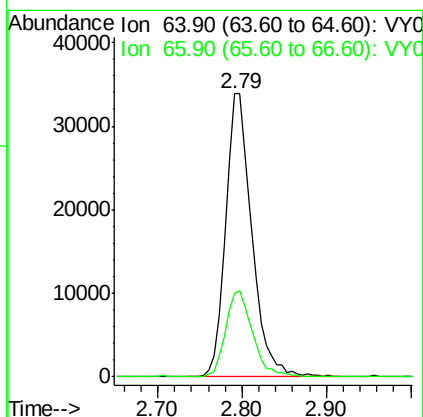
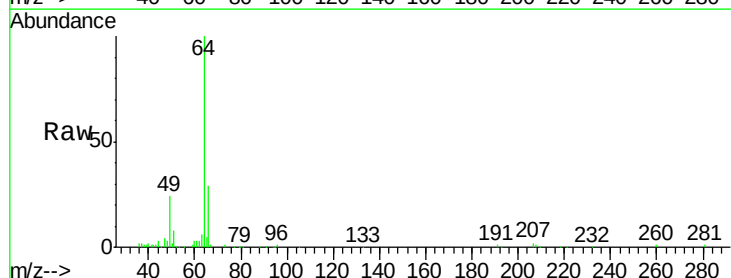
Acq: 29 Jun 2020 15:32

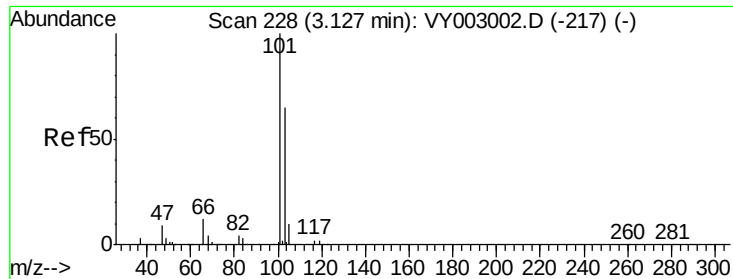
Tgt Ion: 64 Resp: 72033

Ion Ratio Lower Upper

64 100

66 29.5 27.0 40.4



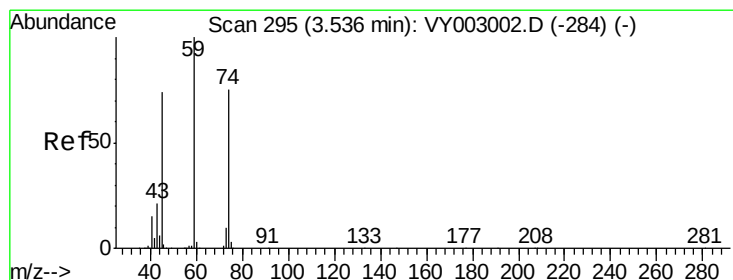
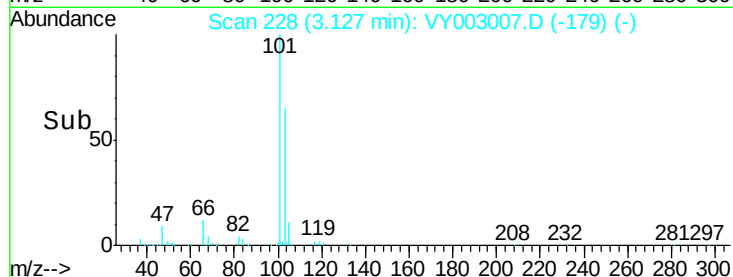
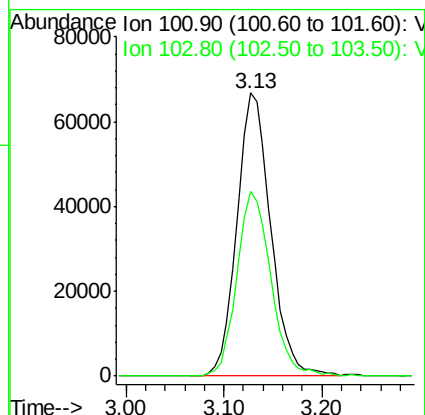
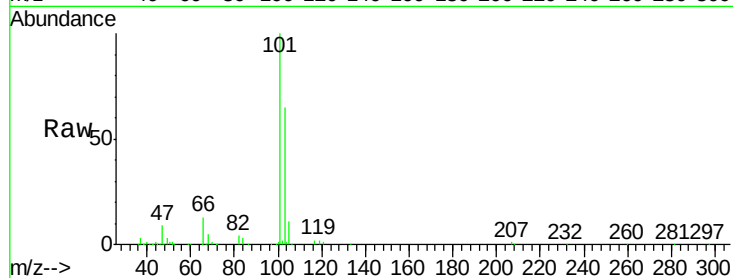


#7

Trichlorofluoromethane
 Concen: 21.294 ug/l
 RT: 3.13 min Scan# 228
 Delta R.T. -0.00 min
 Lab File: VY003007.D
 Acq: 29 Jun 2020 15:32

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0629SBS01

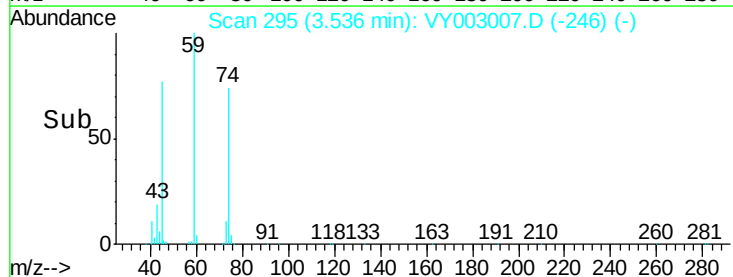
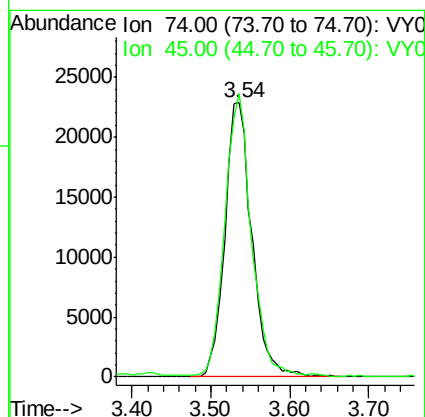
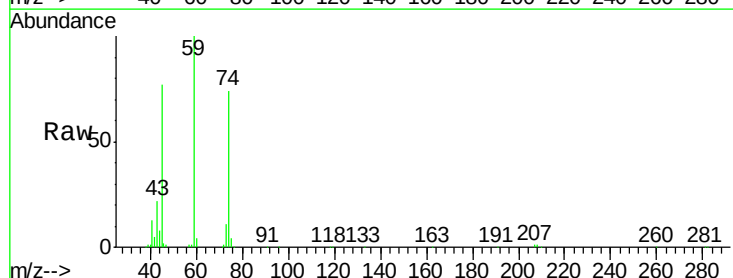
Tot Ion:101 Resp: 160429
 Ion Ratio Lower Upper
 101 100
 103 65.2 51.6 77.4

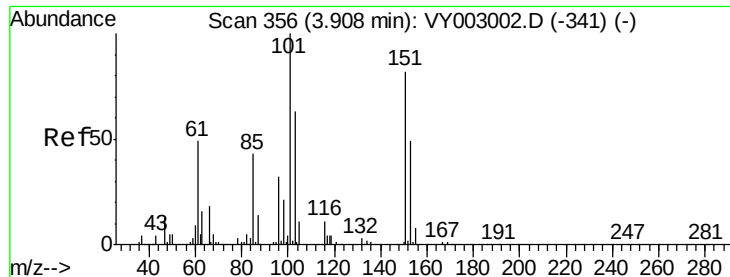


#8

Diethyl Ether
 Concen: 21.146 ug/l
 RT: 3.54 min Scan# 295
 Delta R.T. -0.00 min
 Lab File: VY003007.D
 Acq: 29 Jun 2020 15:32

Tgt Ion: 74 Resp: 54615
 Ion Ratio Lower Upper
 74 100
 45 100.1 49.3 147.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 22.141 ug/l

RT: 3.90 min Scan# 355

Delta R.T. -0.01 min

Lab File: VY003007.D

Acq: 29 Jun 2020 15:32

Instrument :

MSVOA_Y

ClientSampleId :

VY0629SBS01

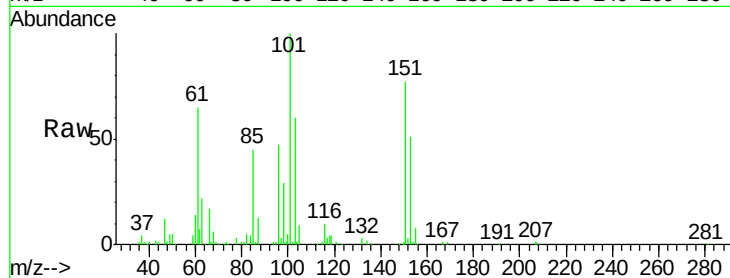
Tot Ion:101 Resp: 99600

Ion Ratio Lower Upper

101 100

85 45.0 35.5 53.3

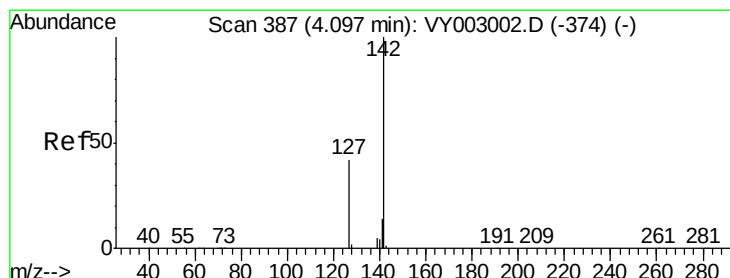
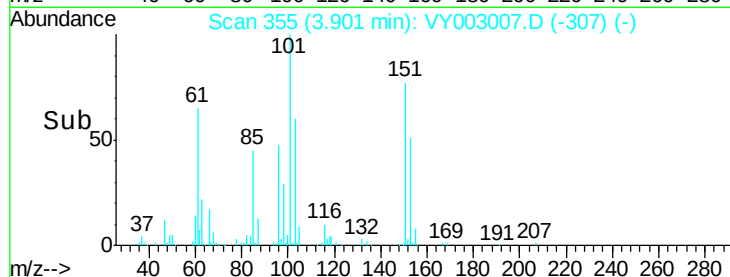
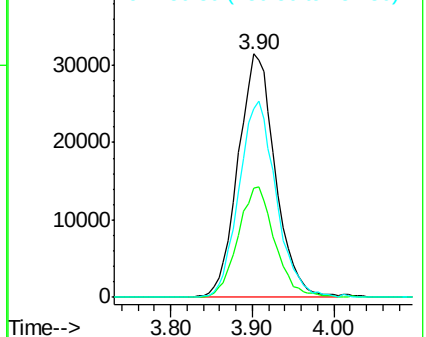
151 80.7 65.5 98.3



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VY0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 20.542 ug/l

RT: 4.10 min Scan# 387

Delta R.T. -0.00 min

Lab File: VY003007.D

Acq: 29 Jun 2020 15:32

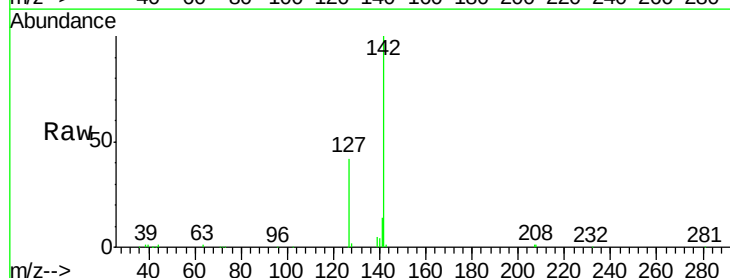
Tgt Ion:142 Resp: 114583

Ion Ratio Lower Upper

142 100

127 42.4 34.2 51.2

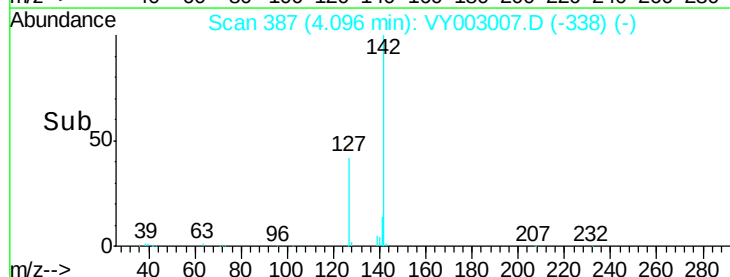
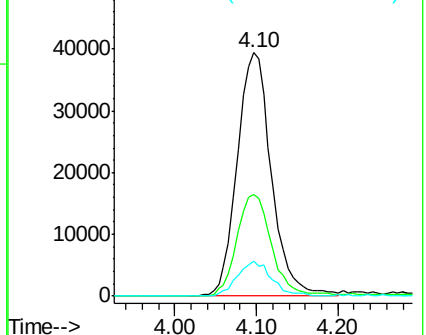
141 14.4 11.7 17.5

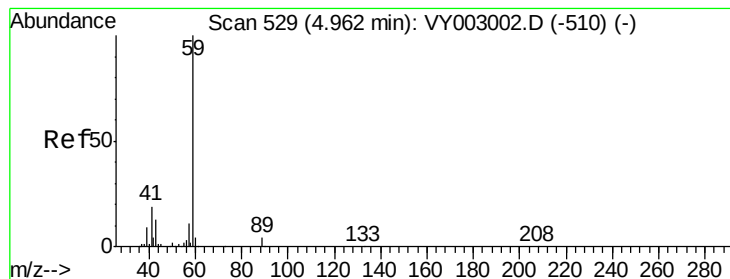


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



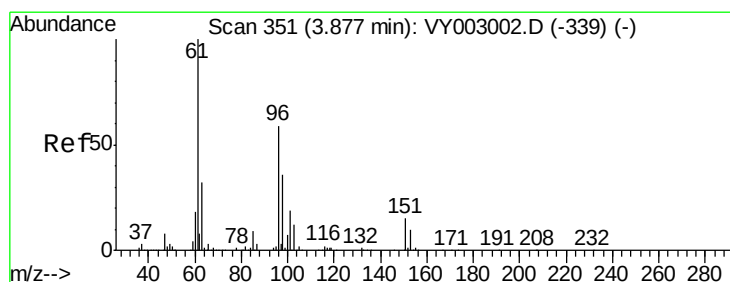
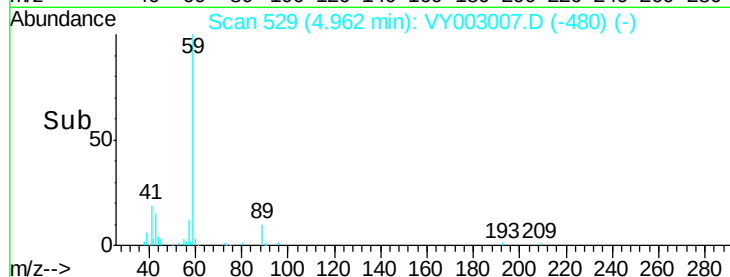
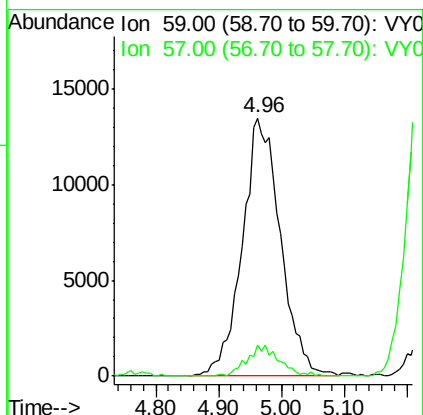
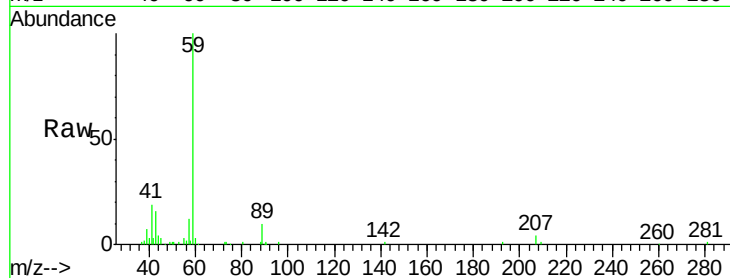


#11

Tert butyl alcohol
 Concen: 113.559 ug/l
 RT: 4.96 min Scan# 529
 Delta R.T. -0.00 min
 Lab File: VY003007.D
 Acq: 29 Jun 2020 15:32

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0629SBS01

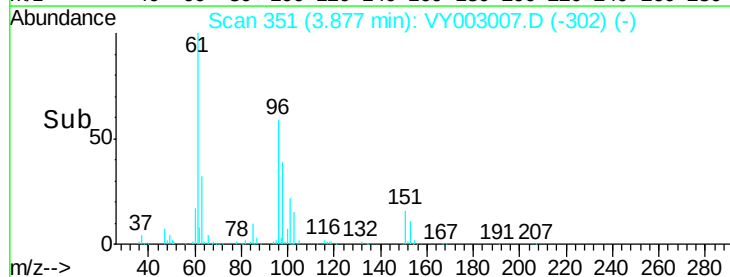
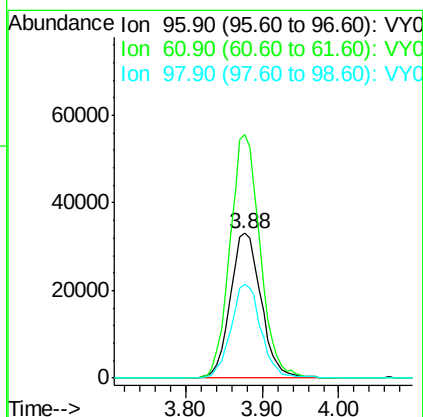
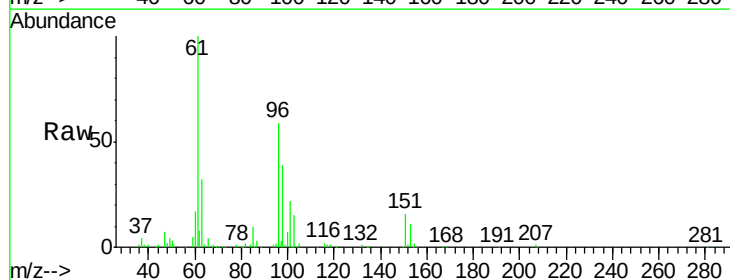
Tot Ion: 59 Resp: 56716
 Ion Ratio Lower Upper
 59 100
 57 9.7 8.0 12.0

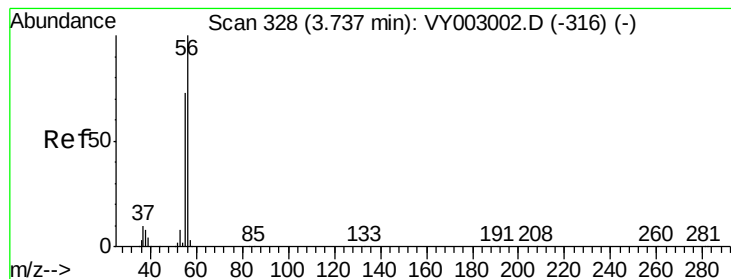


#12

1,1-Dichloroethene
 Concen: 21.605 ug/l
 RT: 3.88 min Scan# 351
 Delta R.T. -0.00 min
 Lab File: VY003007.D
 Acq: 29 Jun 2020 15:32

Tgt Ion: 96 Resp: 92474
 Ion Ratio Lower Upper
 96 100
 61 168.4 136.7 205.1
 98 65.0 49.7 74.5





#13

Acrolein

Concen: 106.862 ug/l

RT: 3.74 min Scan# 328

Delta R.T. -0.00 min

Lab File: VY003007.D

Acq: 29 Jun 2020 15:32

Instrument :

MSVOA_Y

ClientSampleId :

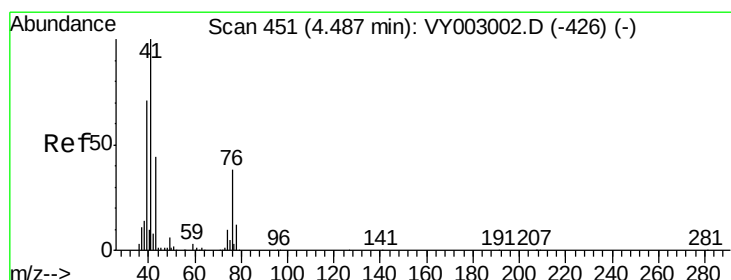
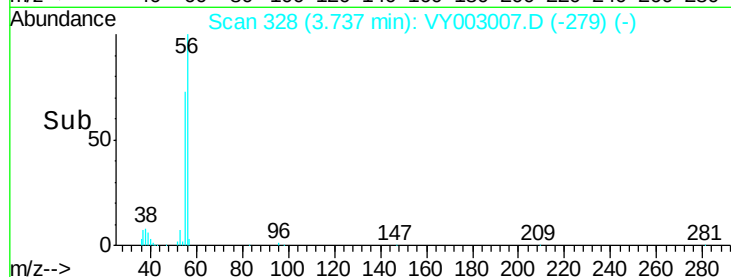
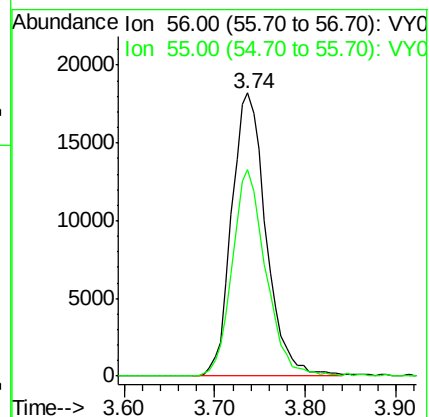
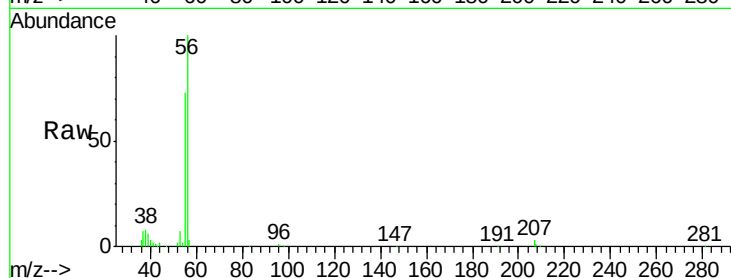
VY0629SBS01

Tot Ion: 56 Resp: 47935

Ion Ratio Lower Upper

56 100

55 71.6 56.4 84.6



#14

Allyl chloride

Concen: 21.280 ug/l

RT: 4.48 min Scan# 450

Delta R.T. -0.01 min

Lab File: VY003007.D

Acq: 29 Jun 2020 15:32

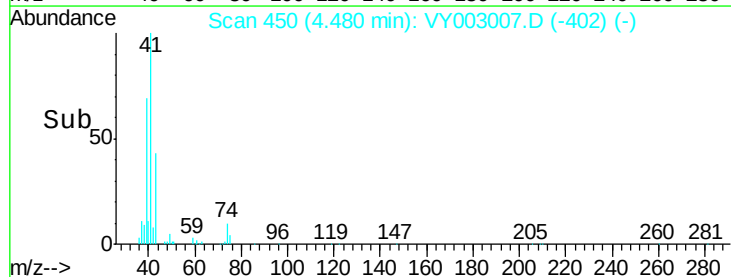
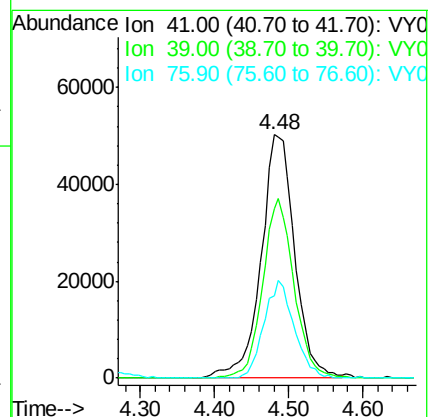
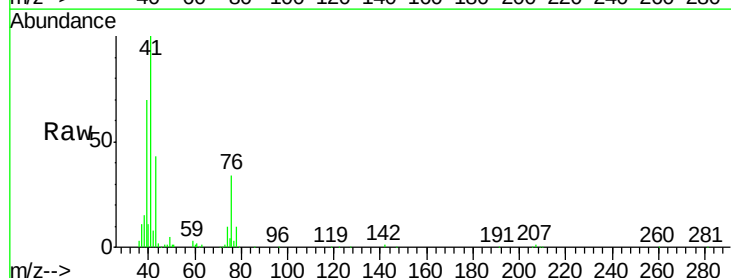
Tgt Ion: 41 Resp: 159023

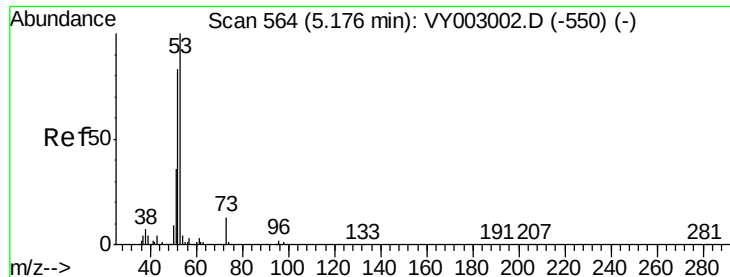
Ion Ratio Lower Upper

41 100

39 68.7 55.6 83.4

76 36.1 28.6 43.0





#15

Acrylonitrile

Concen: 108.370 ug/l

RT: 5.18 min Scan# 564

Delta R.T. -0.00 min

Lab File: VY003007.D

Acq: 29 Jun 2020 15:32

Instrument :

MSVOA_Y

ClientSampleId :

VY0629SBS01

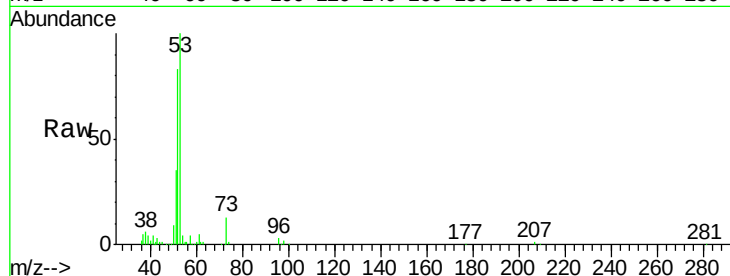
Tot Ion: 53 Resp: 144252

Ion Ratio Lower Upper

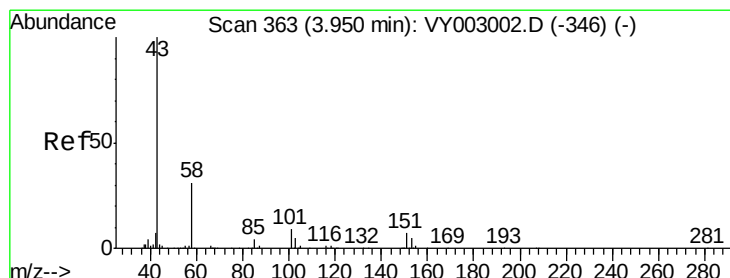
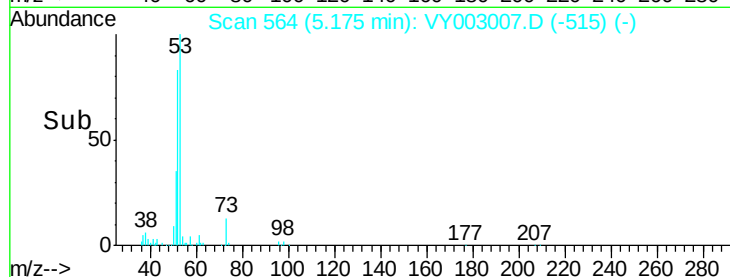
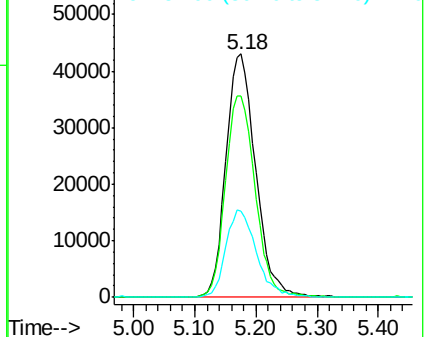
53 100

52 83.0 66.2 99.2

51 37.0 29.5 44.3



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



#16

Acetone

Concen: 99.280 ug/l

RT: 3.96 min Scan# 364

Delta R.T. 0.01 min

Lab File: VY003007.D

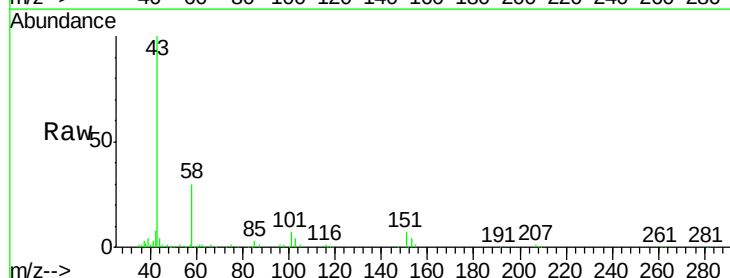
Acq: 29 Jun 2020 15:32

Tgt Ion: 43 Resp: 114751

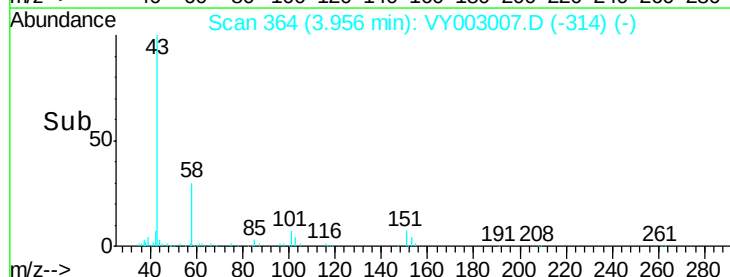
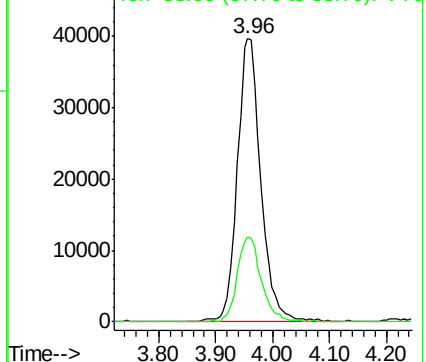
Ion Ratio Lower Upper

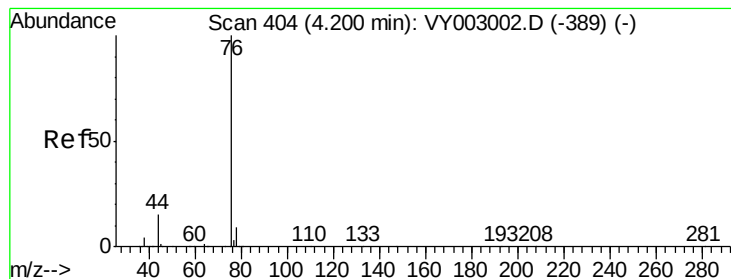
43 100

58 30.2 24.7 37.1



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





#17

Carbon Disulfide

Concen: 21.599 ug/l

RT: 4.20 min Scan# 404

Delta R.T. -0.00 min

Lab File: VY003007.D

Acq: 29 Jun 2020 15:32

Instrument :

MSVOA_Y

ClientSampleId :

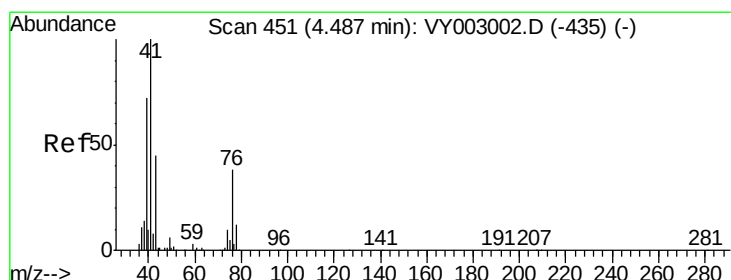
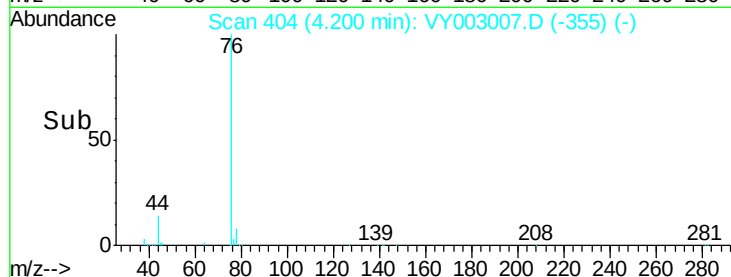
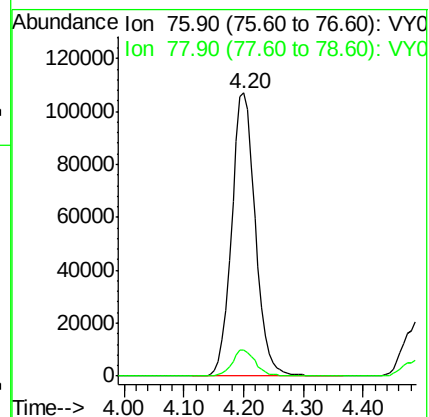
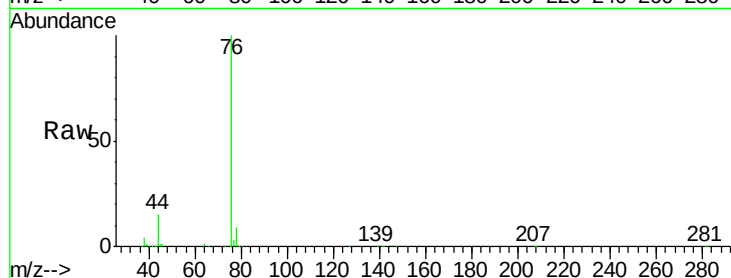
VY0629SBS01

Tot Ion: 76 Resp: 295370

Ion Ratio Lower Upper

76 100

78 9.2 7.0 10.6



#18

Methyl Acetate

Concen: 21.100 ug/l

RT: 4.49 min Scan# 451

Delta R.T. -0.00 min

Lab File: VY003007.D

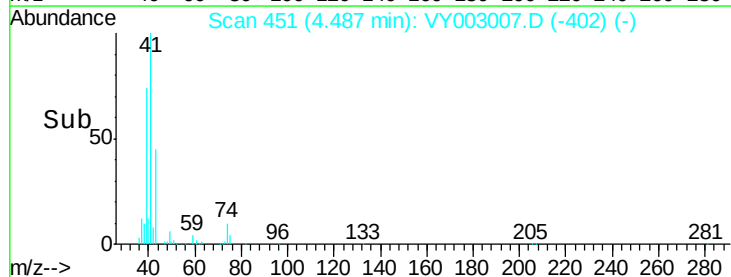
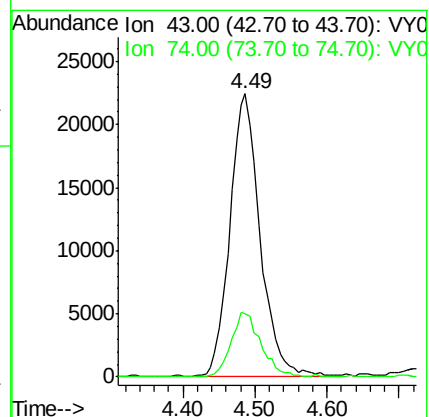
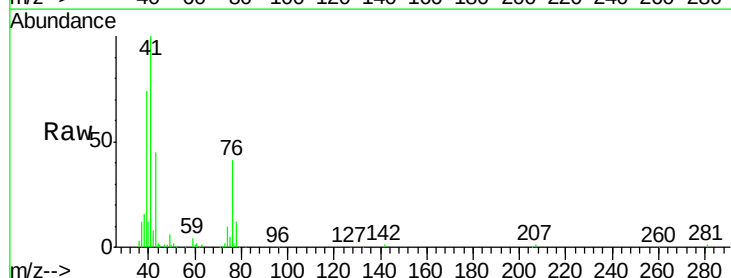
Acq: 29 Jun 2020 15:32

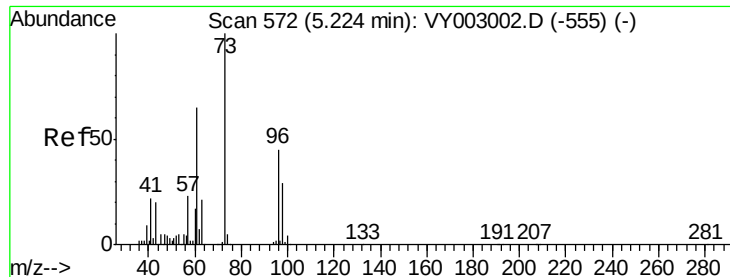
Tgt Ion: 43 Resp: 65705

Ion Ratio Lower Upper

43 100

74 22.5 18.2 27.4



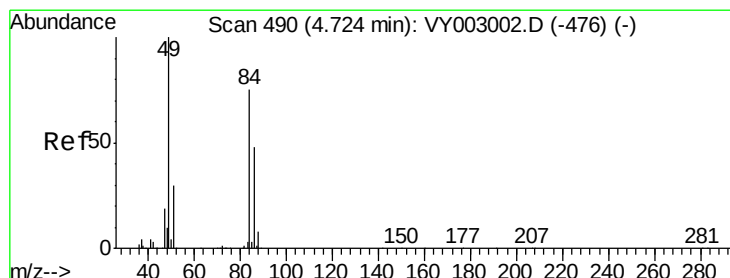
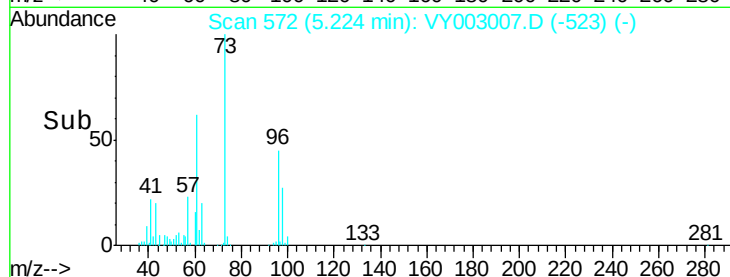
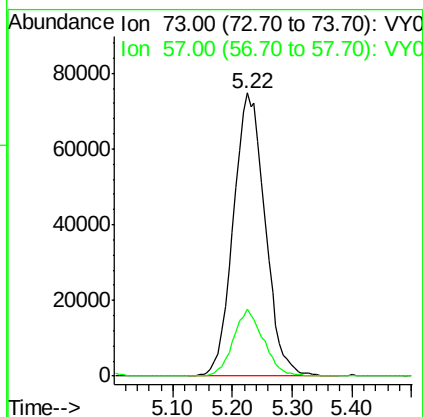
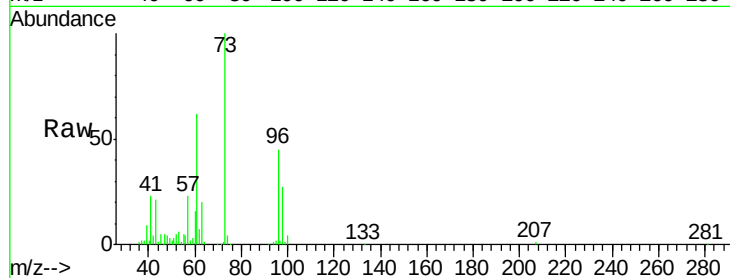


#19

Methyl tert-butyl Ether
 Concen: 22.212 ug/l
 RT: 5.22 min Scan# 572
 Delta R.T. -0.00 min
 Lab File: VY003007.D
 Acq: 29 Jun 2020 15:32

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0629SBS01

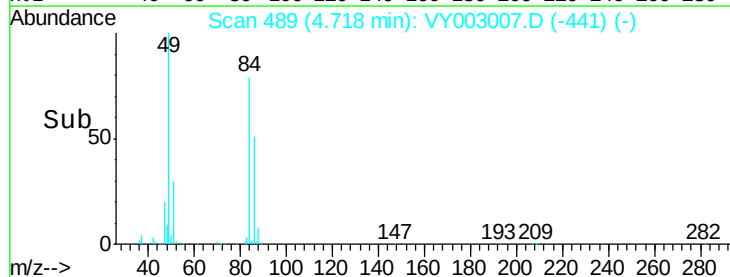
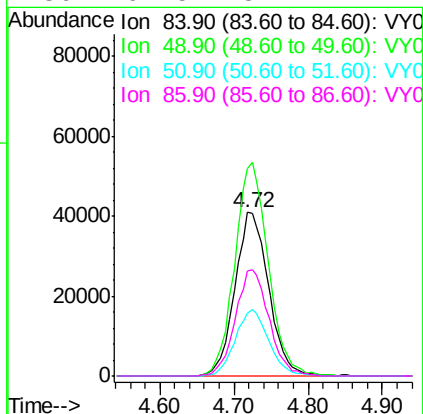
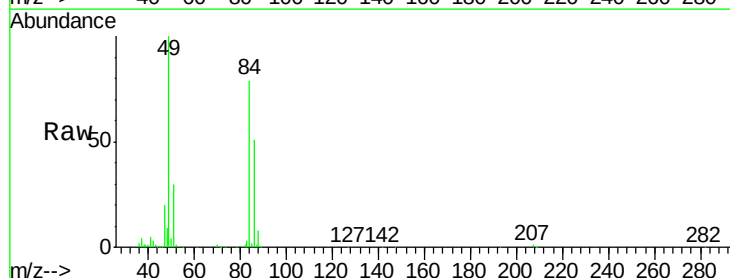
Tot Ion: 73 Resp: 277122
 Ion Ratio Lower Upper
 73 100
 57 23.5 18.2 27.2

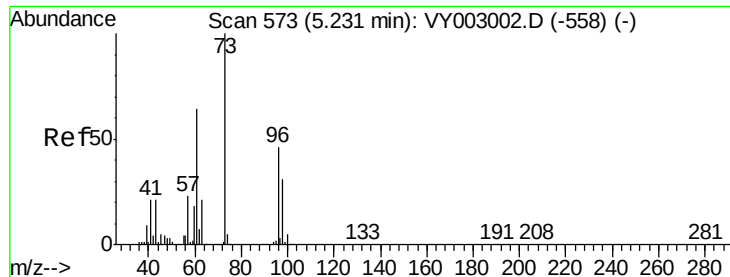


#20

Methylene Chloride
 Concen: 21.195 ug/l
 RT: 4.72 min Scan# 489
 Delta R.T. -0.01 min
 Lab File: VY003007.D
 Acq: 29 Jun 2020 15:32

Tgt Ion: 84 Resp: 130032
 Ion Ratio Lower Upper
 84 100
 49 127.1 106.8 160.2
 51 38.3 32.0 48.0
 86 64.5 51.4 77.2





#21

trans-1,2-Dichloroethene

Concen: 22.113 ug/l

RT: 5.22 min Scan# 572

Delta R.T. -0.01 min

Lab File: VY003007.D

Acq: 29 Jun 2020 15:32

Instrument :

MSVOA_Y

ClientSampleId :

VY0629SBS01

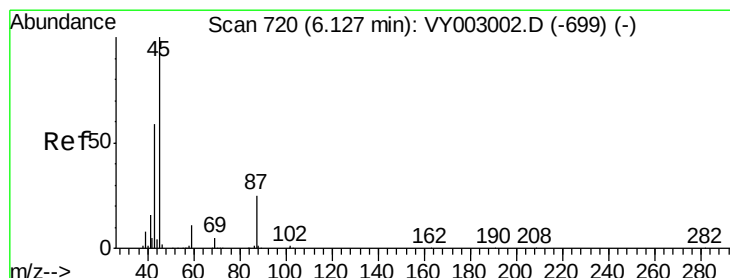
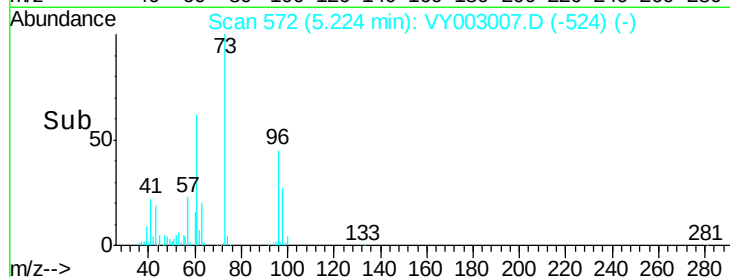
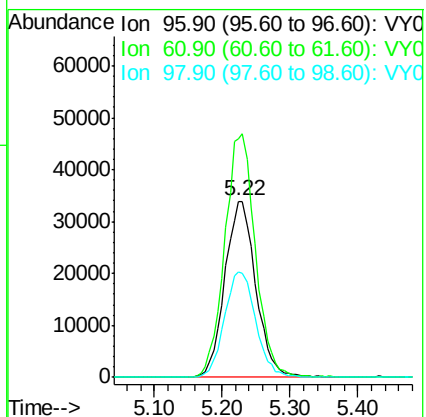
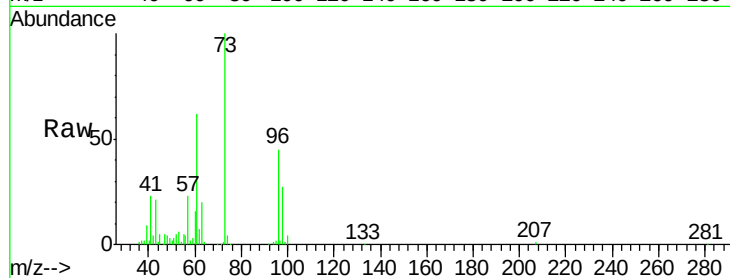
Tot Ion: 96 Resp: 107060

Ion Ratio Lower Upper

96 100

61 136.0 112.3 168.5

98 60.1 53.8 80.8



#22

Diisopropyl ether

Concen: 21.339 ug/l

RT: 6.13 min Scan# 720

Delta R.T. -0.00 min

Lab File: VY003007.D

Acq: 29 Jun 2020 15:32

Tgt Ion: 45 Resp: 341789

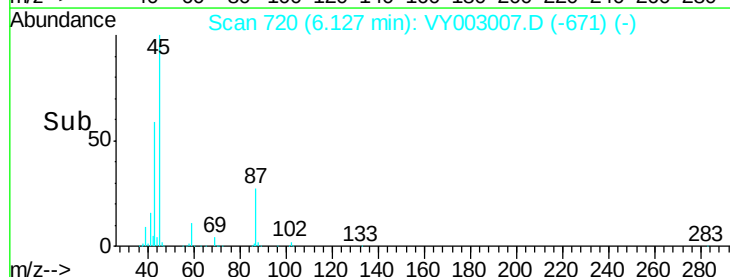
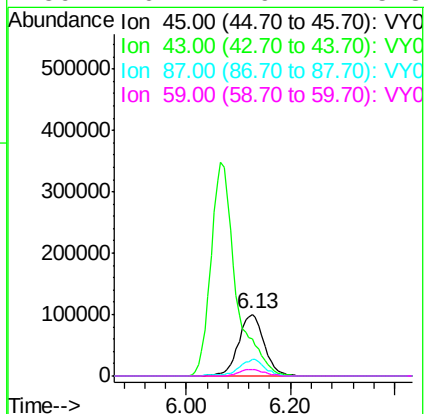
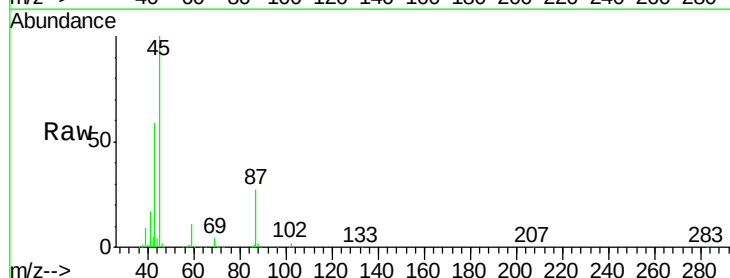
Ion Ratio Lower Upper

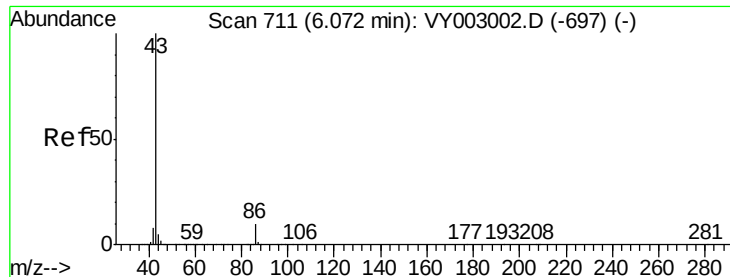
45 100

43 58.6 47.4 71.2

87 27.1 20.2 30.2

59 10.7 9.2 13.8





#23

Vinyl Acetate

Concen: 108.285 ug/l

RT: 6.07 min Scan# 710

Delta R.T. -0.01 min

Lab File: VY003007.D

Acq: 29 Jun 2020 15:32

Instrument :

MSVOA_Y

ClientSampleId :

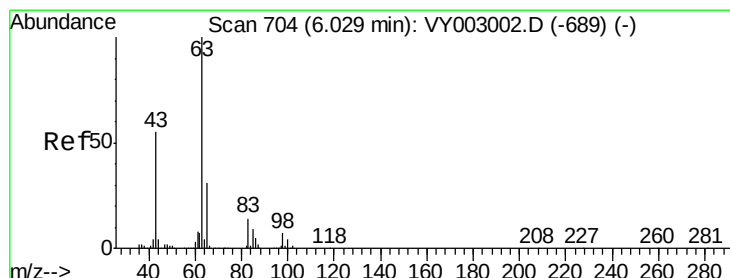
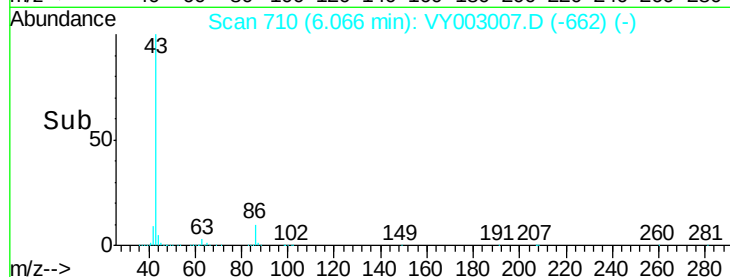
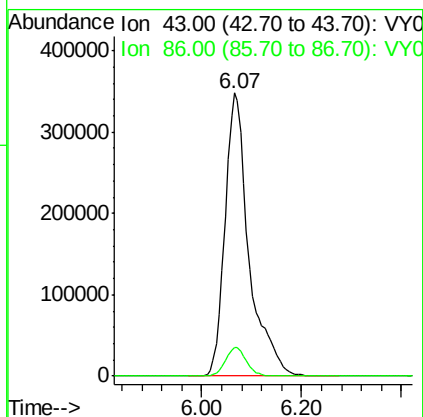
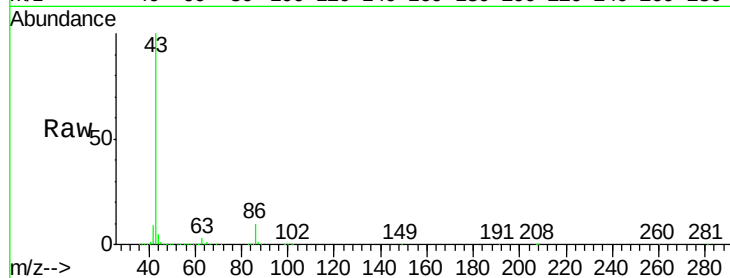
VY0629SBS01

Tot Ion: 43 Resp: 1159549

Ion Ratio Lower Upper

43 100

86 10.1 8.1 12.1



#24

1,1-Dichloroethane

Concen: 21.147 ug/l

RT: 6.02 min Scan# 703

Delta R.T. -0.01 min

Lab File: VY003007.D

Acq: 29 Jun 2020 15:32

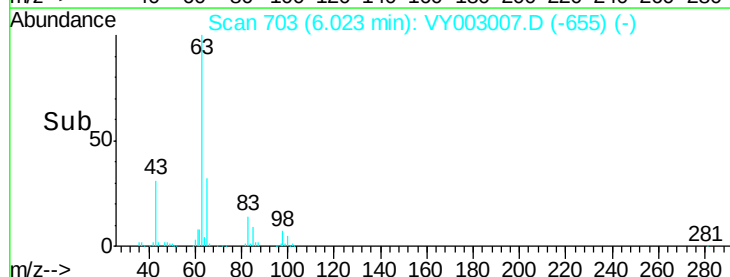
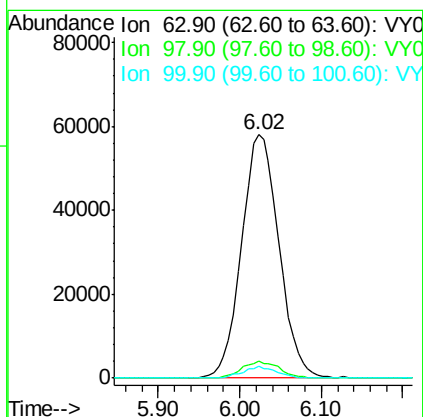
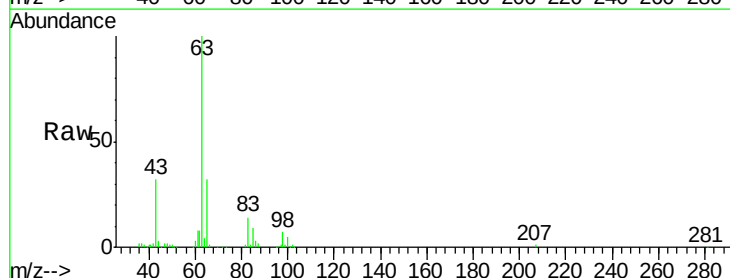
Tgt Ion: 63 Resp: 185025

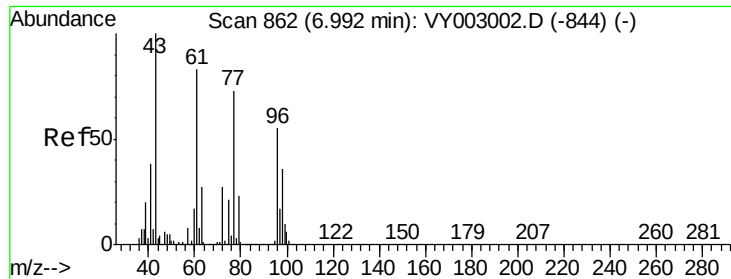
Ion Ratio Lower Upper

63 100

98 6.9 3.4 10.1

100 4.7 2.3 6.8





#25

2-Butanone

Concen: 107.467 ug/l

RT: 6.99 min Scan# 862

Delta R.T. -0.00 min

Lab File: VY003007.D

Acq: 29 Jun 2020 15:32

Instrument :

MSVOA_Y

ClientSampleId :

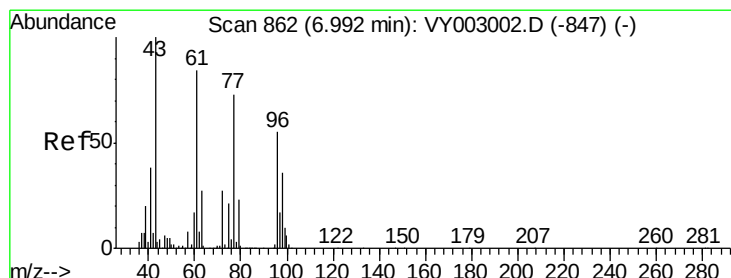
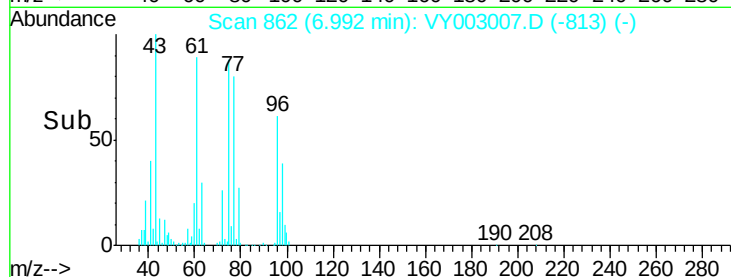
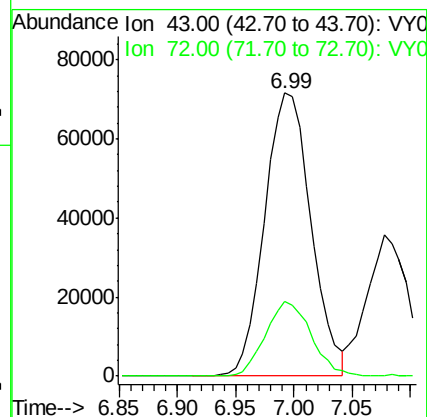
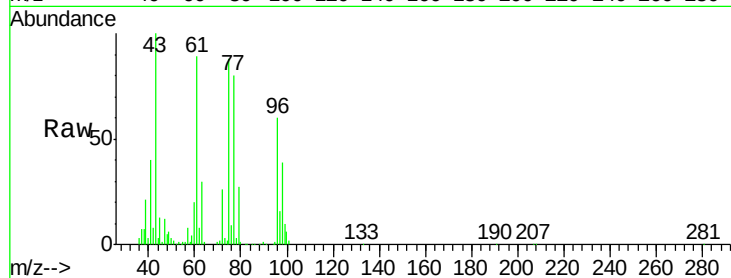
VY0629SBS01

Tot Ion: 43 Resp: 197313

Ion Ratio Lower Upper

43 100

72 26.4 21.4 32.0



#26

2,2-Dichloropropane

Concen: 22.129 ug/l

RT: 6.99 min Scan# 861

Delta R.T. -0.01 min

Lab File: VY003007.D

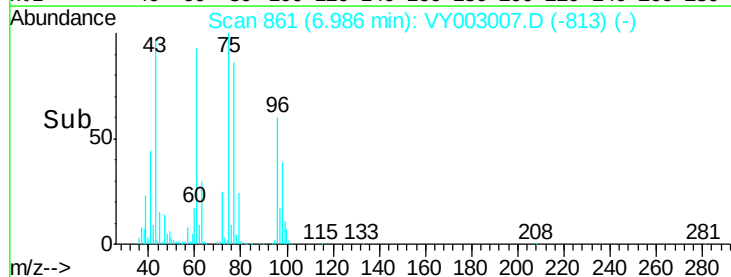
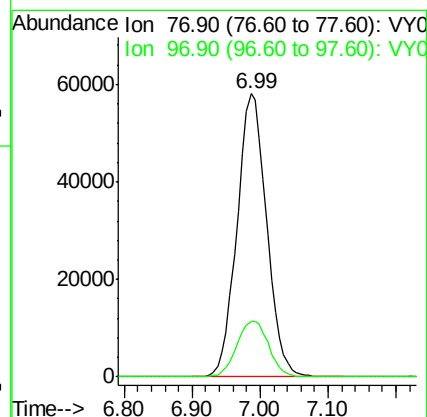
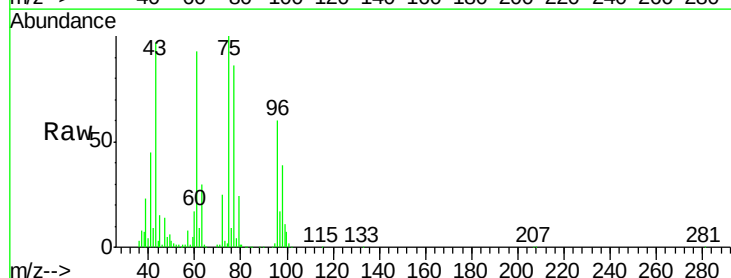
Acq: 29 Jun 2020 15:32

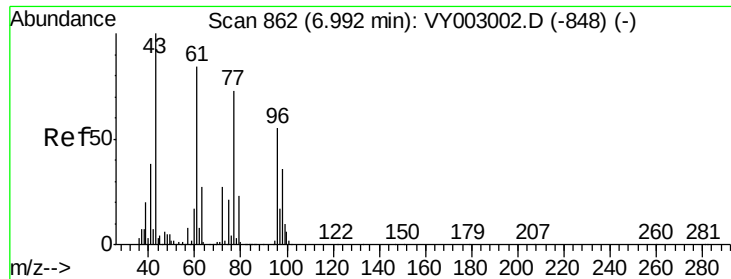
Tgt Ion: 77 Resp: 175909

Ion Ratio Lower Upper

77 100

97 21.1 11.3 33.9



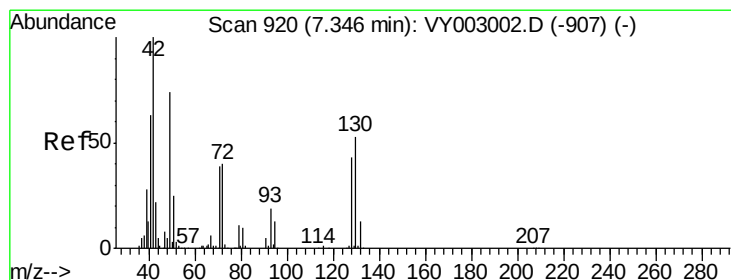
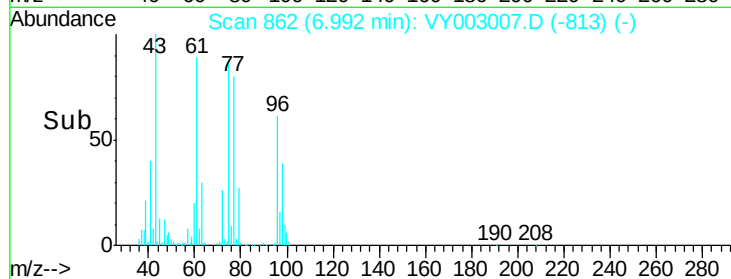
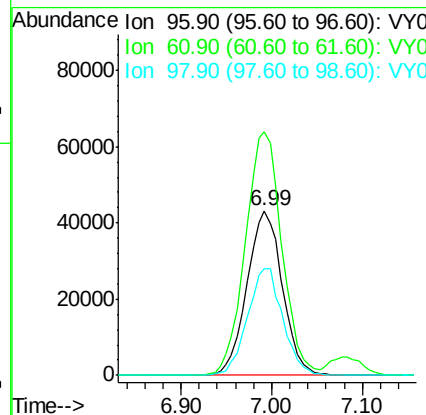
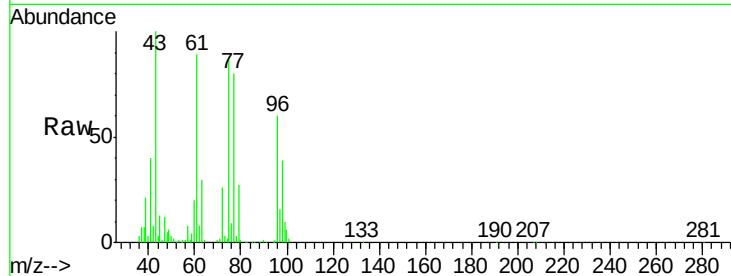


#27

cis-1,2-Dichloroethene
 Concen: 21.557 ug/l
 RT: 6.99 min Scan# 862
 Delta R.T. -0.00 min
 Lab File: VY003007.D
 Acq: 29 Jun 2020 15:32

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0629SBS01

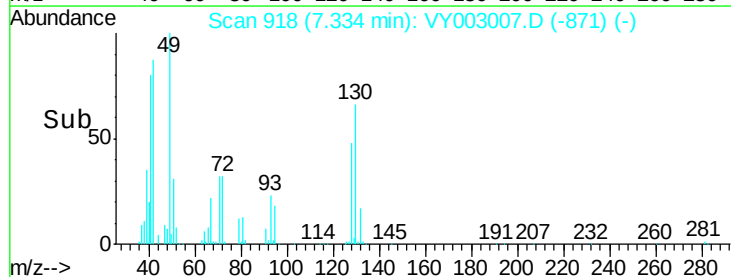
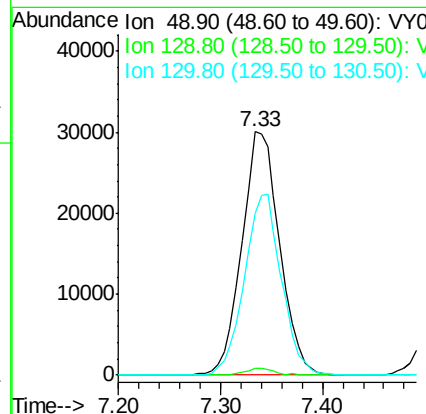
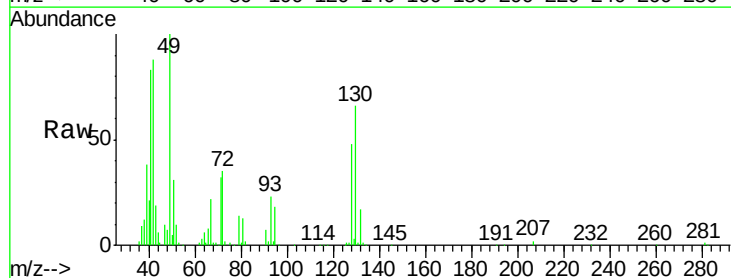
Tot Ion	96	Resp	117059
Ion	Ratio	Lower	Upper
96	100		
61	151.9	0.0	301.2
98	64.4	0.0	129.0

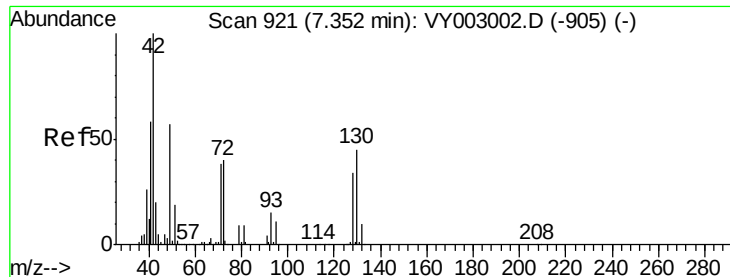


#28

Bromochloromethane
 Concen: 19.865 ug/l
 RT: 7.33 min Scan# 918
 Delta R.T. -0.01 min
 Lab File: VY003007.D
 Acq: 29 Jun 2020 15:32

Tgt Ion	49	Resp	77334
Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	4.4
130	72.6	57.0	85.6

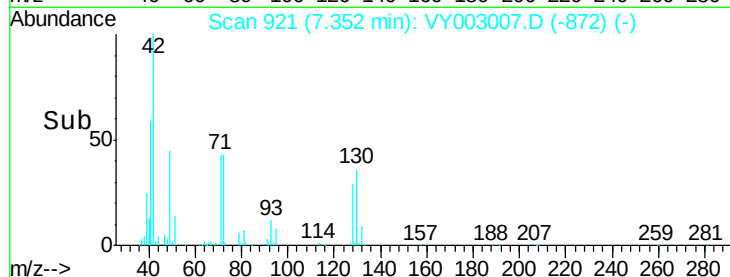
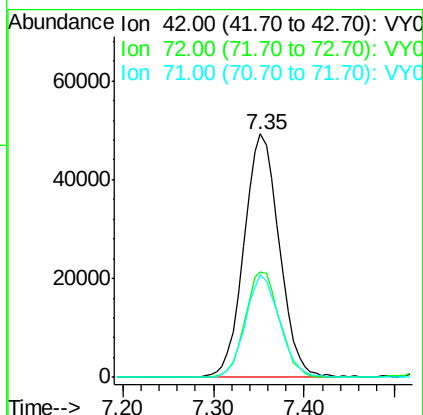
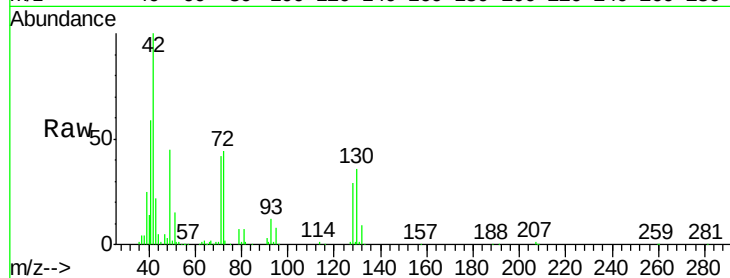




#29
Tetrahydrofuran
Concen: 108.979 ug/l
RT: 7.35 min Scan# 921
Delta R.T. -0.00 min
Lab File: VY003007.D
Acq: 29 Jun 2020 15:32

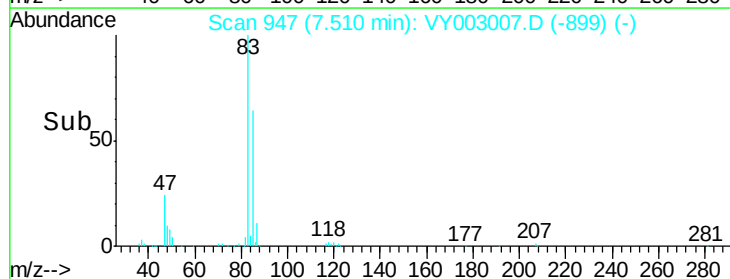
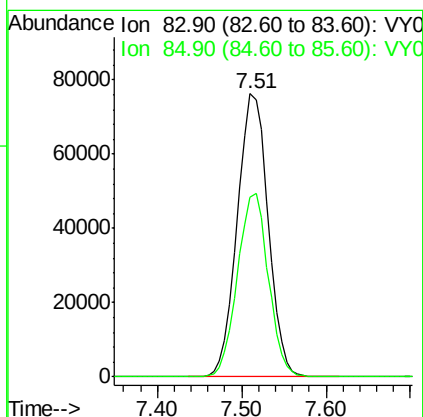
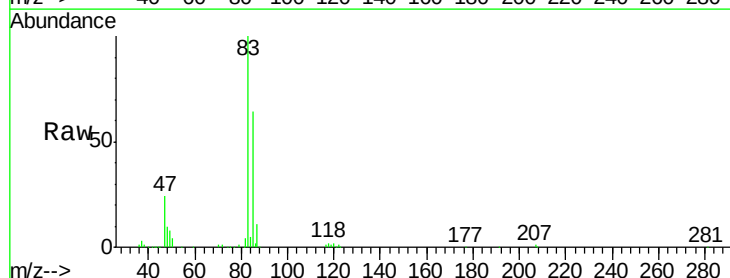
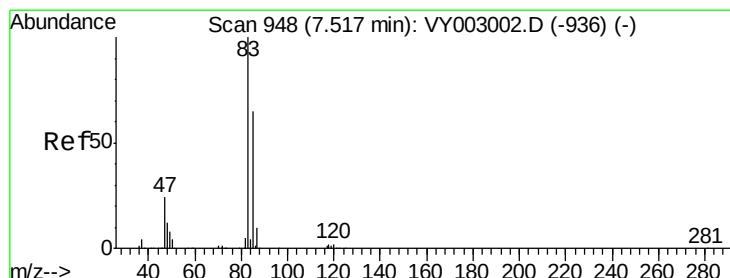
Instrument :
MSVOA_Y
ClientSampleId :
VY0629SBS01

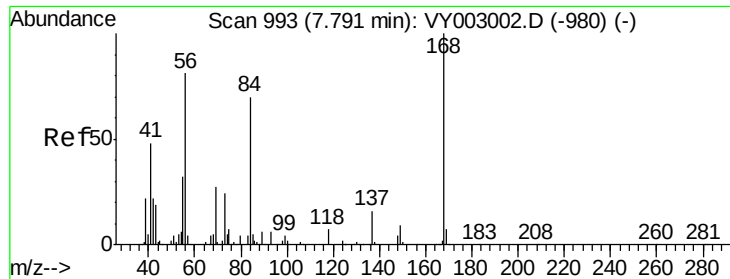
Tot Ion	Ratio	Lower	Upper
42	100		
72	42.2	32.9	49.3
71	40.5	31.2	46.8



#30
Chloroform
Concen: 21.771 ug/l
RT: 7.51 min Scan# 947
Delta R.T. -0.01 min
Lab File: VY003007.D
Acq: 29 Jun 2020 15:32

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.6	51.7	77.5

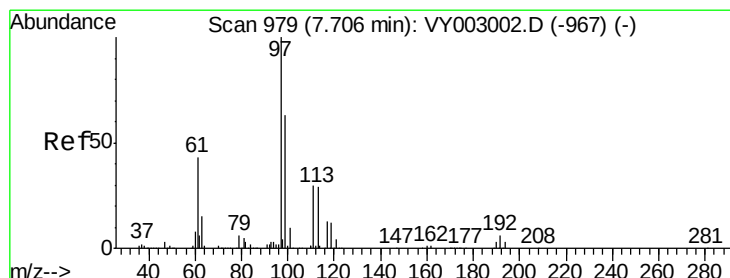
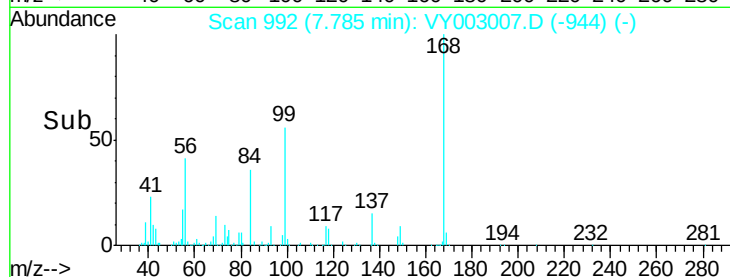
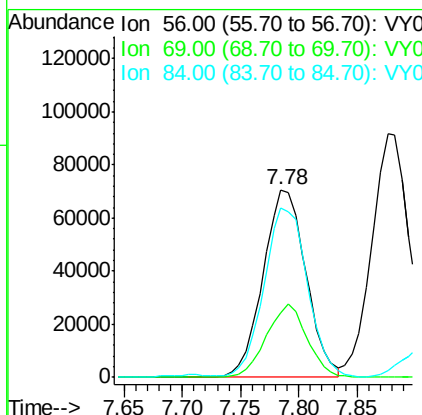
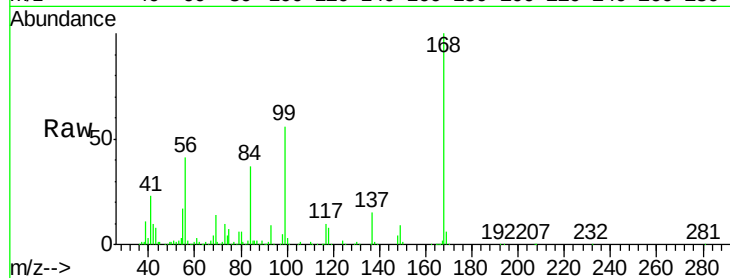




#31
Cyclohexane
Concen: 20.902 ug/l
RT: 7.78 min Scan# 992
Delta R.T. -0.01 min
Lab File: VY003007.D
Acq: 29 Jun 2020 15:32

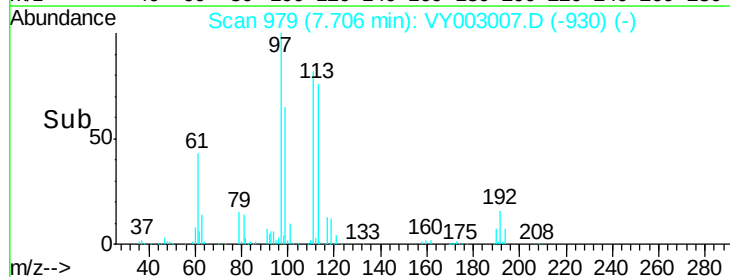
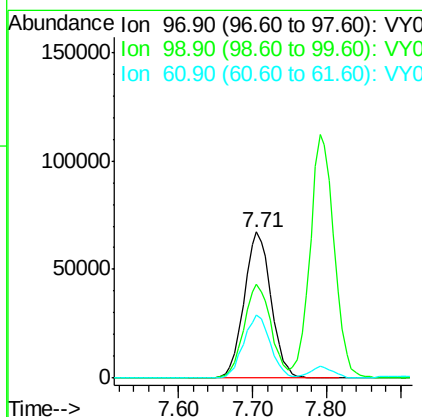
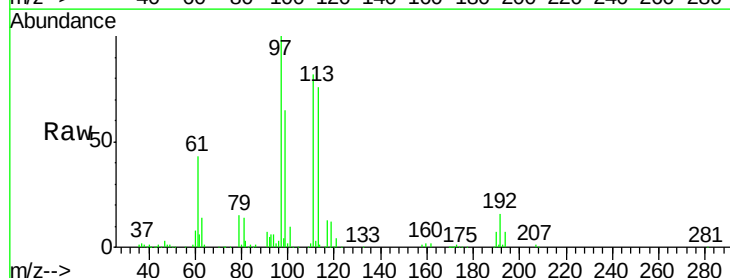
Instrument :
MSVOA_Y
ClientSampleId :
VY0629SBS01

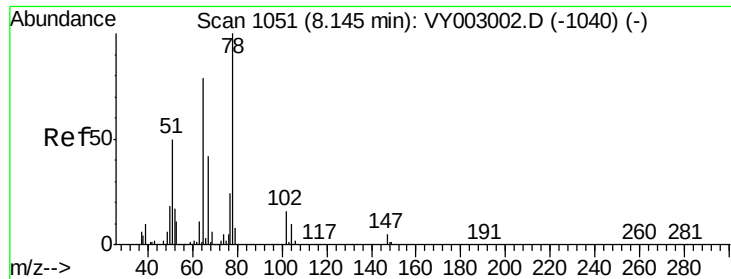
Tot Ion: 56 Resp: 180162
Ion Ratio Lower Upper
56 100
69 34.4 27.0 40.4
84 89.0 68.1 102.1



#32
1,1,1-Trichloroethane
Concen: 21.568 ug/l
RT: 7.71 min Scan# 979
Delta R.T. -0.00 min
Lab File: VY003007.D
Acq: 29 Jun 2020 15:32

Tgt Ion: 97 Resp: 170647
Ion Ratio Lower Upper
97 100
99 64.7 51.4 77.2
61 43.0 33.9 50.9

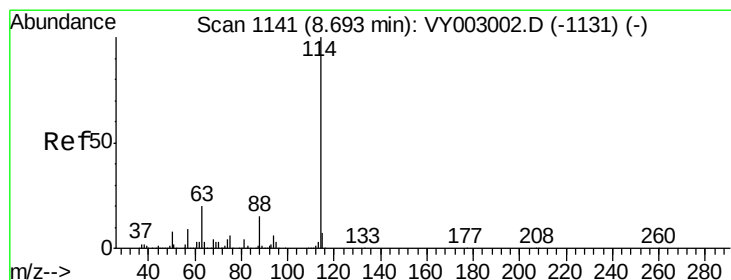
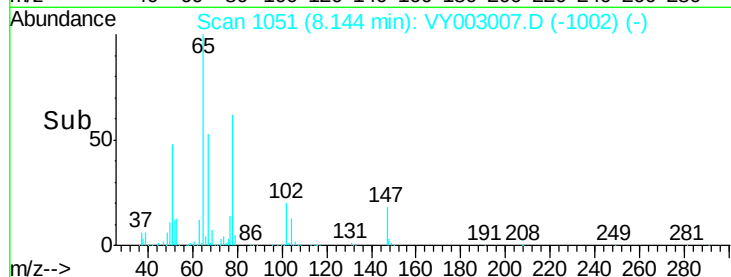
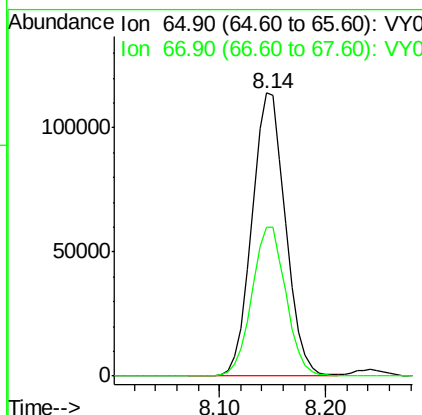
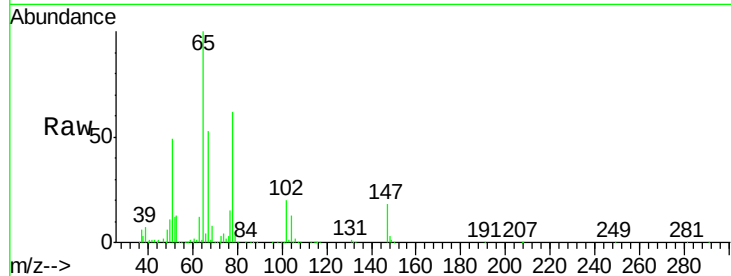




#33
 1,2-Dichloroethane-d4
 Concen: 51.421 ug/l
 RT: 8.14 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VY003007.D
 Acq: 29 Jun 2020 15:32

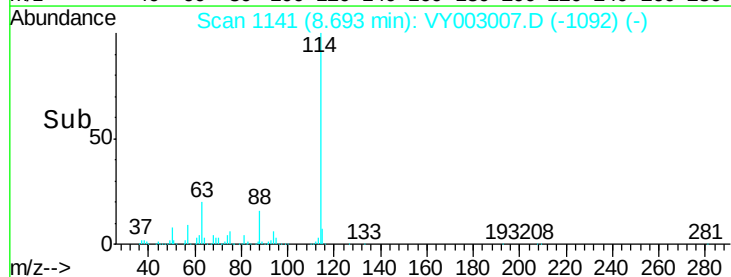
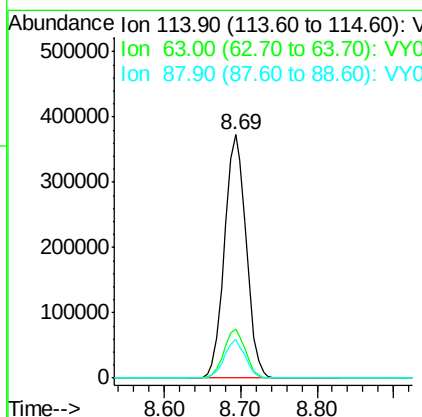
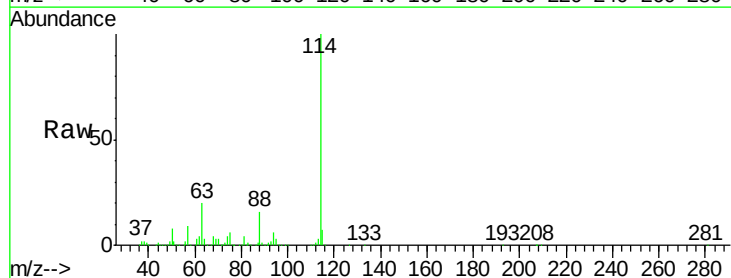
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0629SBS01

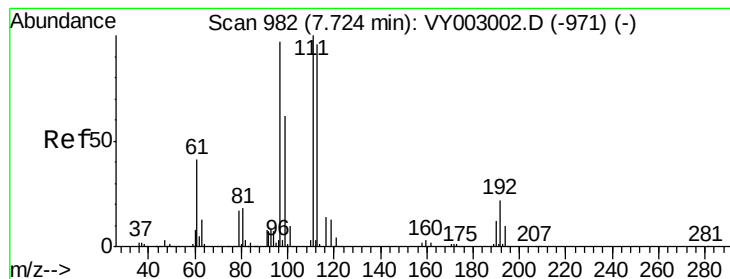
Tot Ion: 65 Resp: 252000
 Ion Ratio Lower Upper
 65 100
 67 53.5 0.0 105.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.00 min
 Lab File: VY003007.D
 Acq: 29 Jun 2020 15:32

Tgt Ion: 114 Resp: 727423
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 40.6
 88 15.8 0.0 30.0





#35

Dibromofluoromethane

Concen: 51.244 ug/l

RT: 7.72 min Scan# 982

Delta R.T. -0.00 min

Lab File: VY003007.D

Acq: 29 Jun 2020 15:32

Instrument :

MSVOA_Y

ClientSampleId :

VY0629SBS01

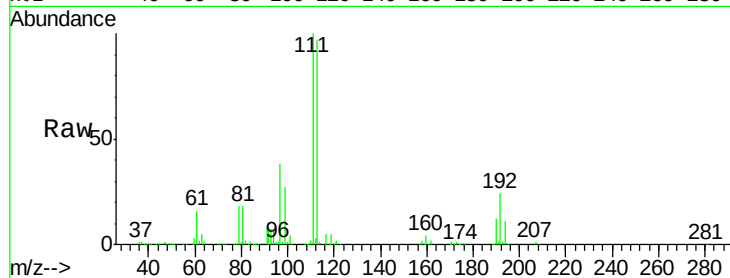
Tot Ion:113 Resp: 232534

Ion Ratio Lower Upper

113 100

111 102.4 82.6 123.8

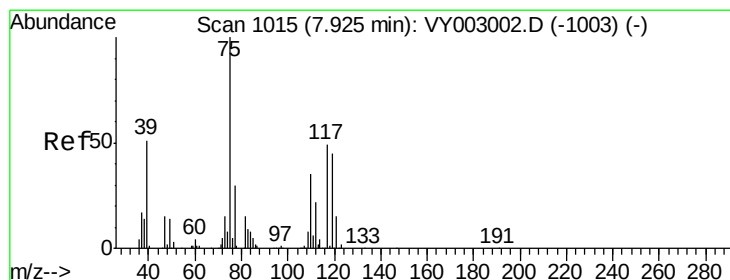
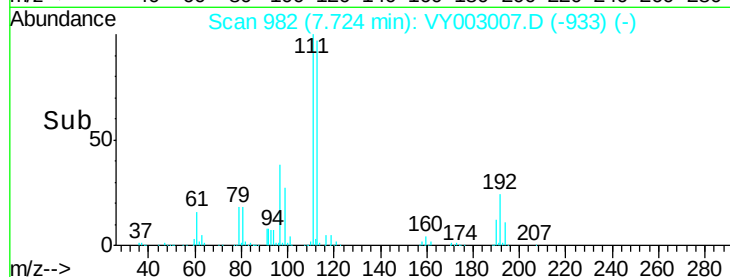
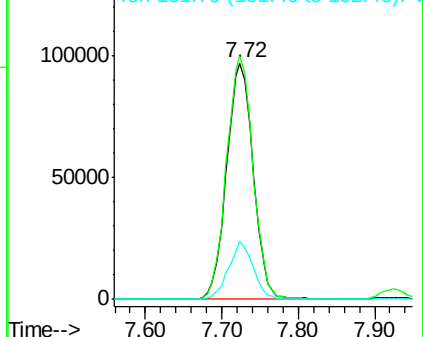
192 22.9 18.1 27.1



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 21.632 ug/l

RT: 7.92 min Scan# 1014

Delta R.T. -0.01 min

Lab File: VY003007.D

Acq: 29 Jun 2020 15:32

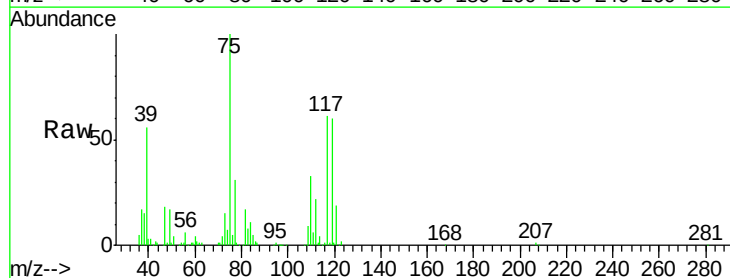
Tgt Ion: 75 Resp: 151573

Ion Ratio Lower Upper

75 100

110 34.3 17.1 51.2

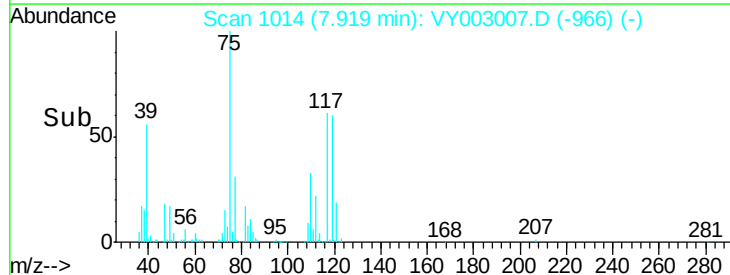
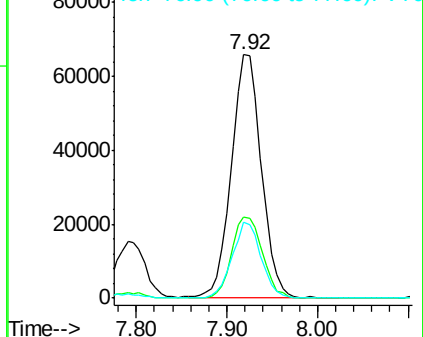
77 30.3 24.9 37.3

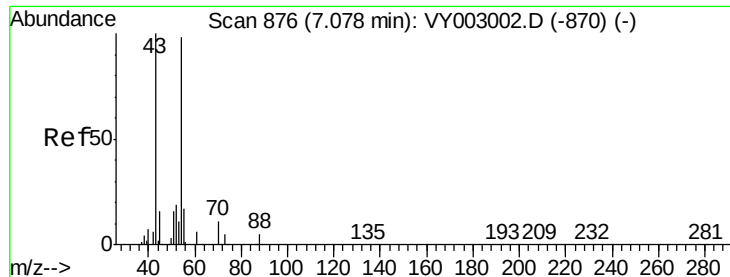


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VY0

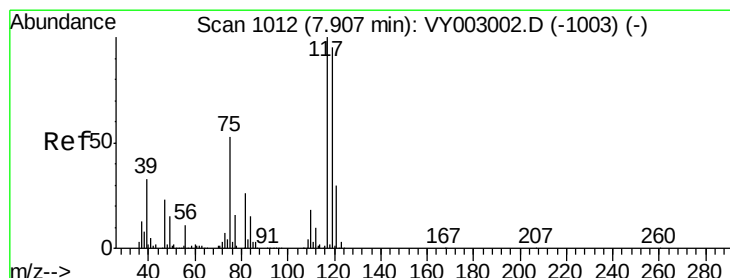
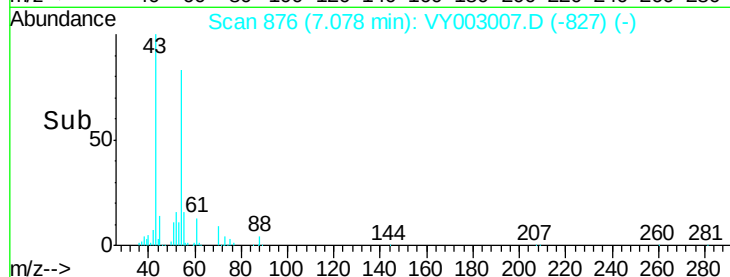
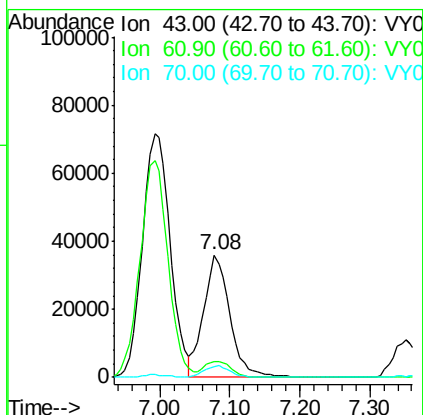
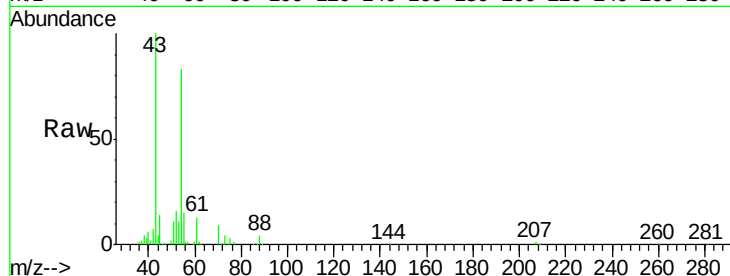




#37
Ethyl Acetate
Concen: 22.165 ug/l
RT: 7.08 min Scan# 876
Delta R.T. -0.00 min
Lab File: VY003007.D
Acq: 29 Jun 2020 15:32

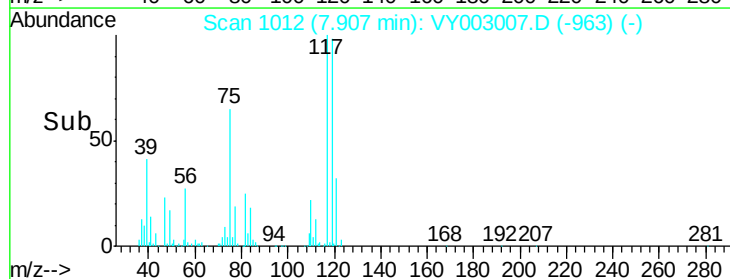
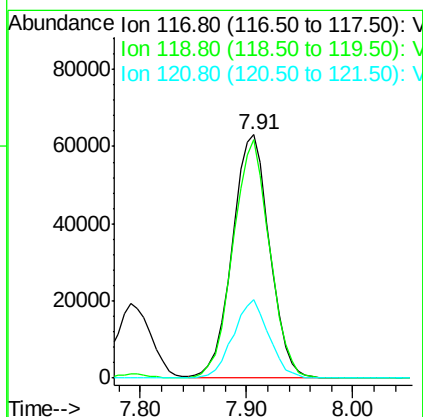
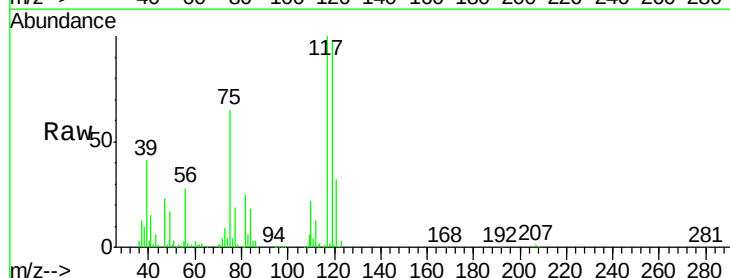
Instrument :
MSVOA_Y
ClientSampleId :
VY0629SBS01

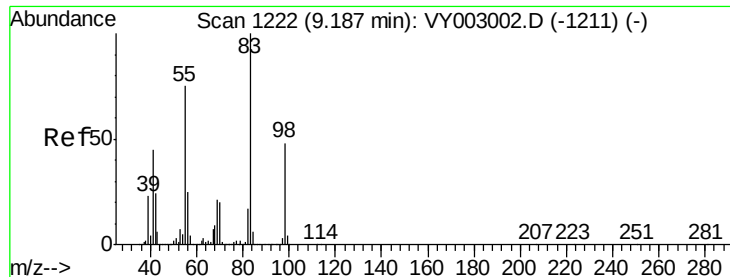
Tot Ion: 43 Resp: 93380
Ion Ratio Lower Upper
43 100
61 13.6 10.4 15.6
70 9.6 7.7 11.5



#38
Carbon Tetrachloride
Concen: 21.228 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. -0.00 min
Lab File: VY003007.D
Acq: 29 Jun 2020 15:32

Tgt Ion: 117 Resp: 154756
Ion Ratio Lower Upper
117 100
119 98.0 75.7 113.5
121 32.1 23.9 35.9

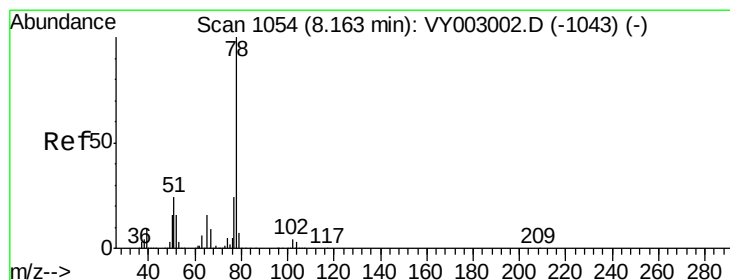
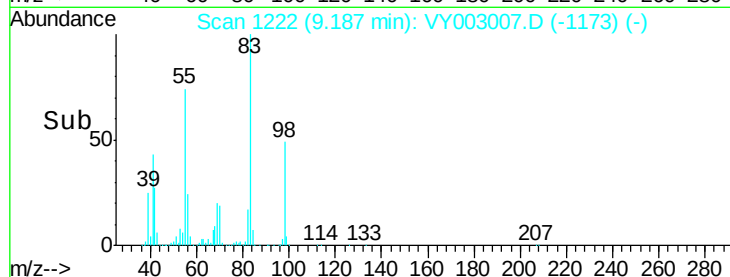
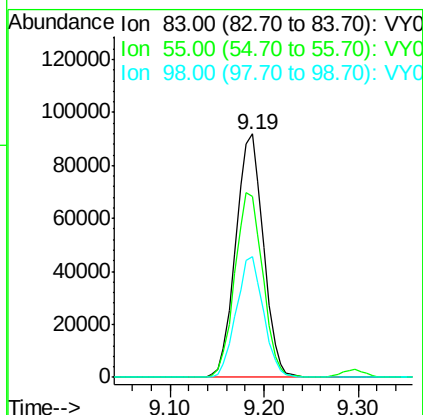
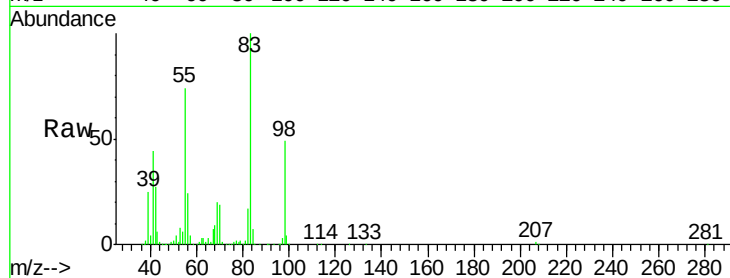




#39
Methylvlcyclohexane
Concen: 21.598 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.00 min
Lab File: VY003007.D
Acq: 29 Jun 2020 15:32

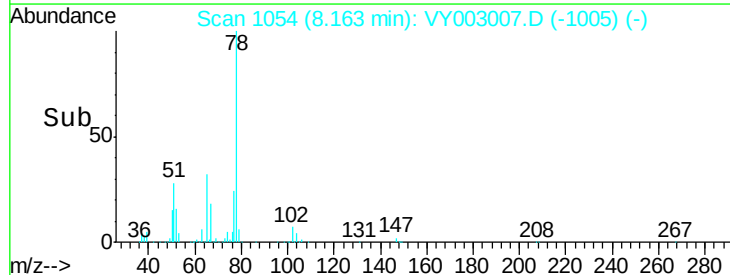
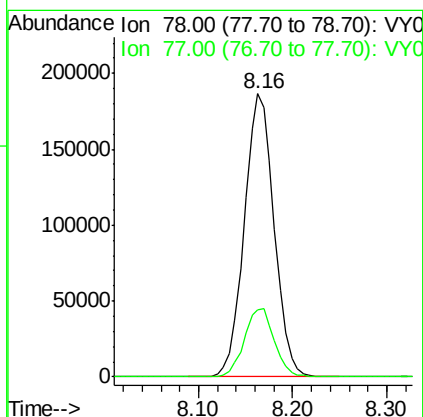
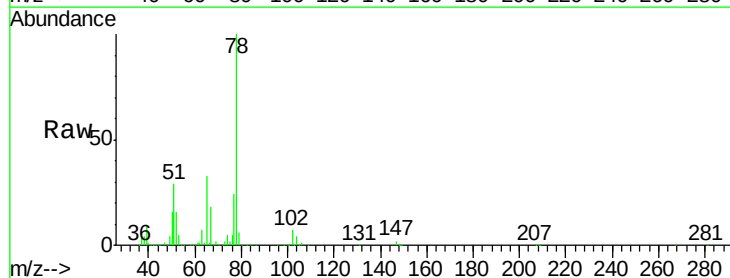
Instrument :
MSVOA_Y
ClientSampleId :
VY0629SBS01

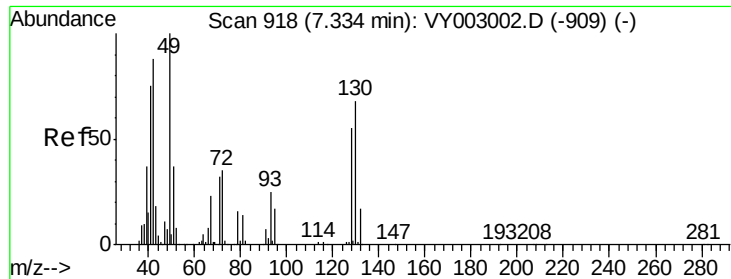
Tot Ion: 83 Resp: 187636
Ion Ratio Lower Upper
83 100
55 74.5 59.9 89.9
98 49.5 38.7 58.1



#40
Benzene
Concen: 21.482 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. -0.00 min
Lab File: VY003007.D
Acq: 29 Jun 2020 15:32

Tgt Ion: 78 Resp: 412085
Ion Ratio Lower Upper
78 100
77 23.8 19.2 28.8





#41

Methacrylonitrile

Concen: 56.445 ug/l

RT: 7.35 min Scan# 920

Delta R.T. 0.01 min

Lab File: VY003007.D

Acq: 29 Jun 2020 15:32

Instrument :

MSVOA_Y

ClientSampleId :

VY0629SBS01

Tot Ion: 41 Resp: 127027

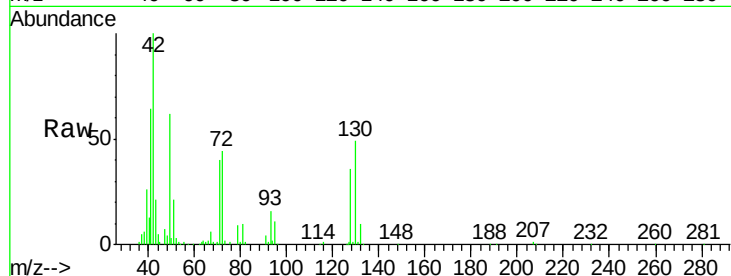
Ion Ratio Lower Upper

41 100

39 0.0 85.7 128.5#

67 0.0 0.0 0.0

52 0.0 0.0 0.0

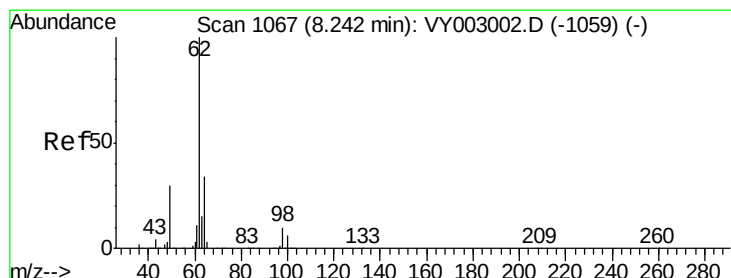
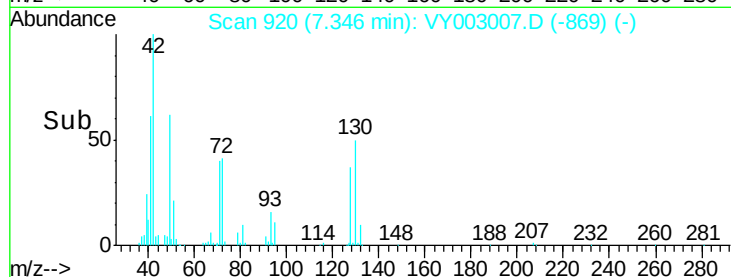
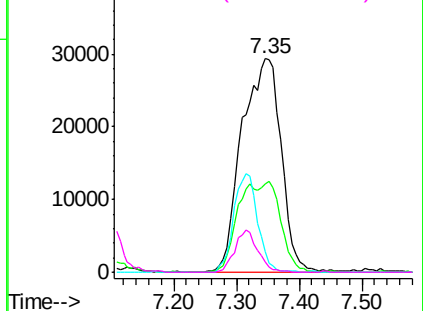


Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 67.00 (66.70 to 67.70): VY0

Ion 52.00 (51.70 to 52.70): VY0



#42

1,2-Dichloroethane

Concen: 21.719 ug/l

RT: 8.24 min Scan# 1067

Delta R.T. -0.00 min

Lab File: VY003007.D

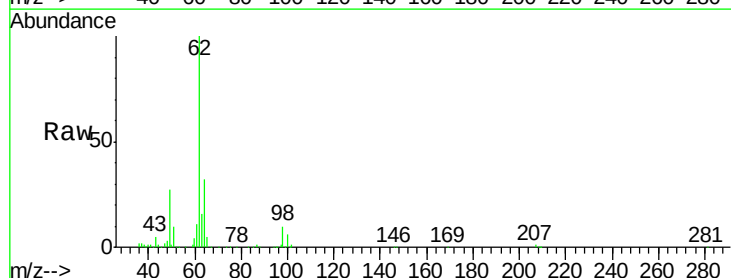
Acq: 29 Jun 2020 15:32

Tgt Ion: 62 Resp: 131802

Ion Ratio Lower Upper

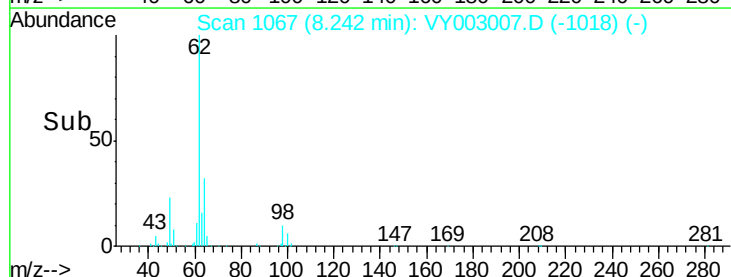
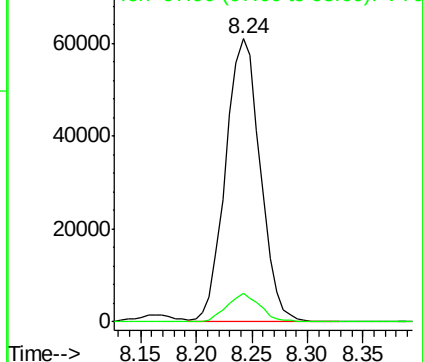
62 100

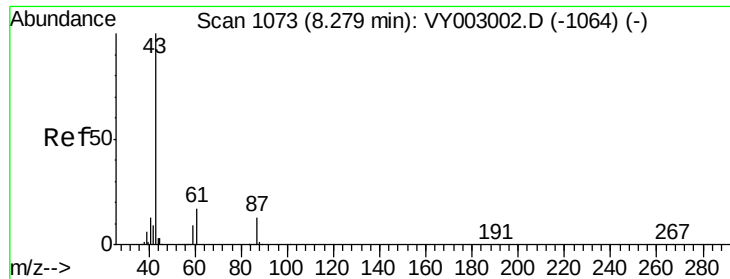
98 9.6 0.0 19.2



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 97.90 (97.60 to 98.60): VY0





#43

Isopropyl Acetate

Concen: 21.260 ug/l

RT: 8.28 min Scan# 1073

Delta R.T. -0.00 min

Lab File: VY003007.D

Acq: 29 Jun 2020 15:32

Instrument :

MSVOA_Y

ClientSampleId :

VY0629SBS01

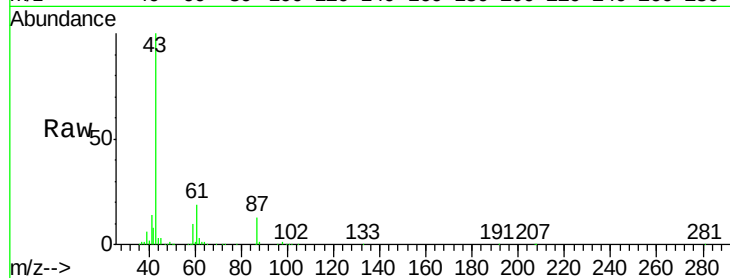
Tot Ion: 43 Resp: 170268

Ion Ratio Lower Upper

43 100

61 28.6 21.8 32.6

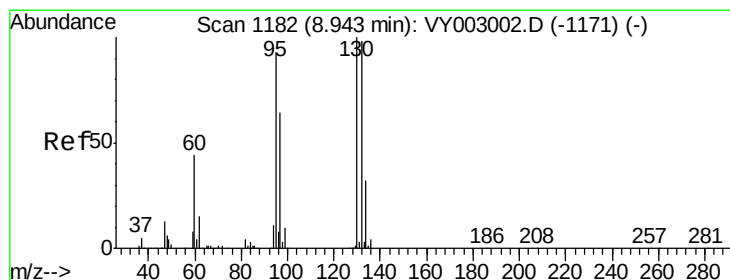
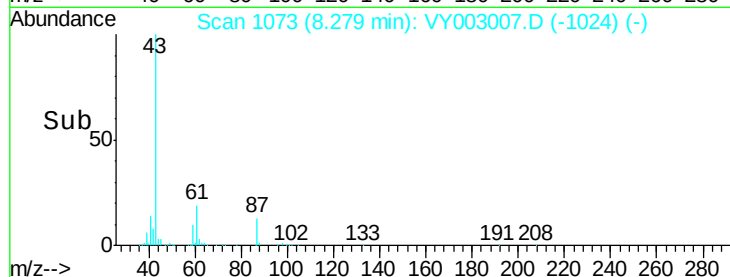
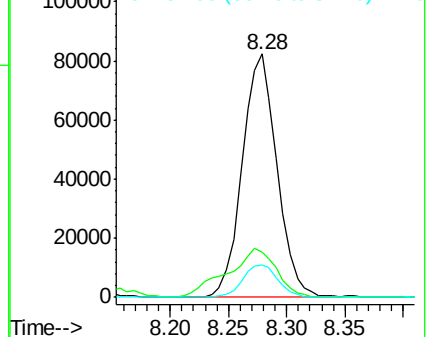
87 13.6 10.1 15.1



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: 21.805 ug/l

RT: 8.94 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VY003007.D

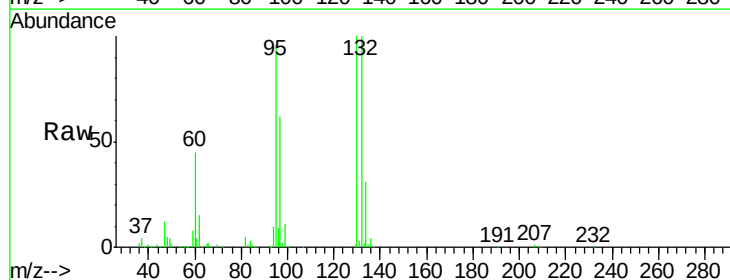
Acq: 29 Jun 2020 15:32

Tgt Ion:130 Resp: 121578

Ion Ratio Lower Upper

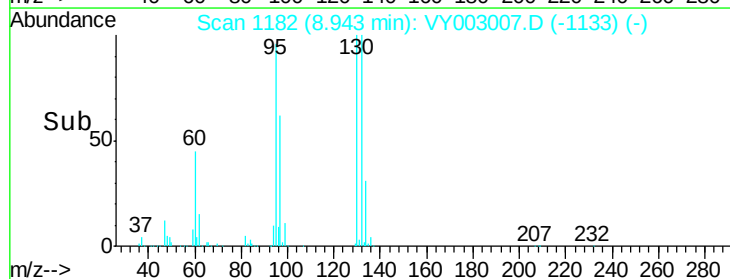
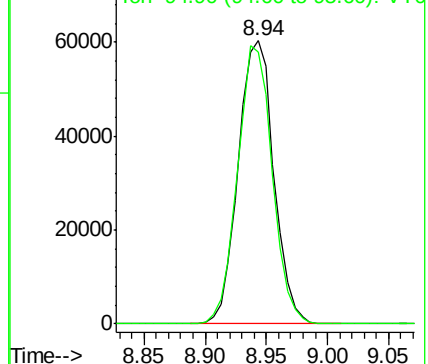
130 100

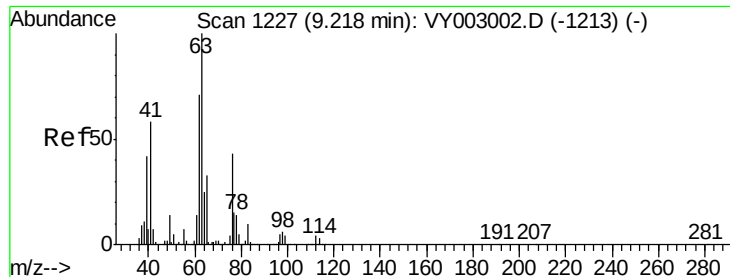
95 95.8 0.0 186.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VY0

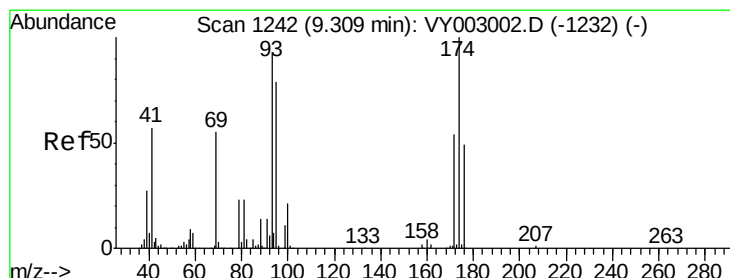
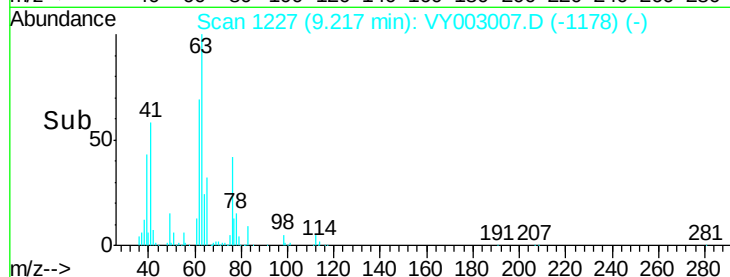
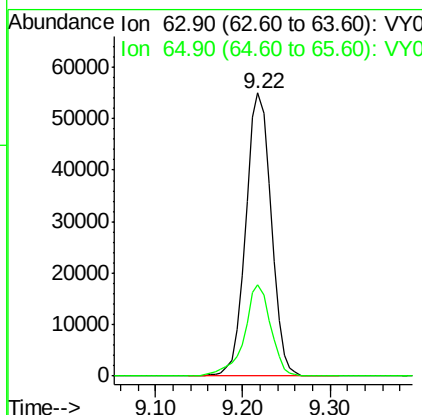
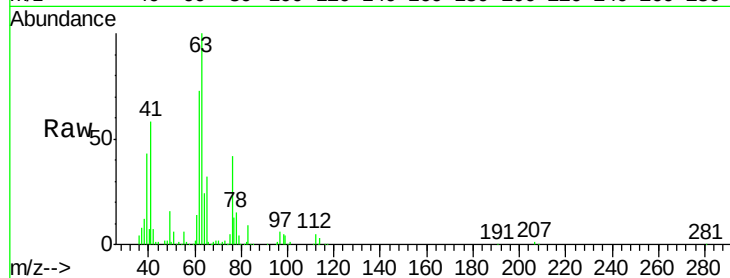




#45
 1,2-Dichloropropane
 Concen: 21.410 ug/l
 RT: 9.22 min Scan# 1227
 Delta R.T. -0.00 min
 Lab File: VY003007.D
 Acq: 29 Jun 2020 15:32

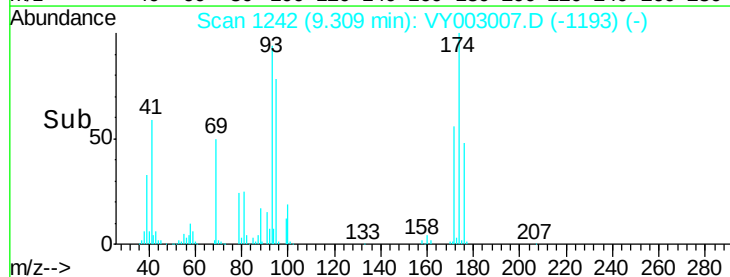
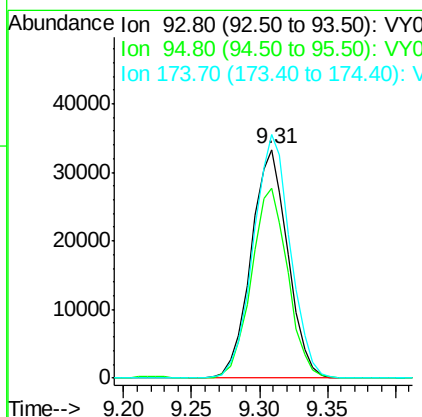
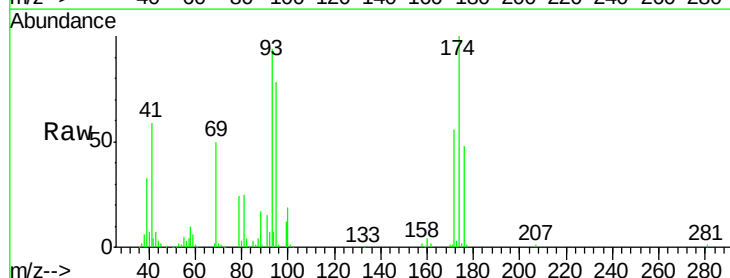
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0629SBS01

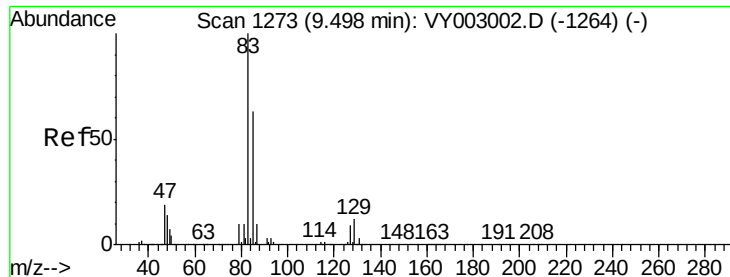
Tot Ion: 63 Resp: 110494
 Ion Ratio Lower Upper
 63 100
 65 32.2 26.2 39.4



#46
 Dibromomethane
 Concen: 21.833 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. -0.00 min
 Lab File: VY003007.D
 Acq: 29 Jun 2020 15:32

Tgt Ion: 93 Resp: 62932
 Ion Ratio Lower Upper
 93 100
 95 82.6 67.6 101.4
 174 107.3 88.3 132.5





#47

Bromodichloromethane

Concen: 21.467 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. -0.00 min

Lab File: VY003007.D

Acq: 29 Jun 2020 15:32

Instrument :

MSVOA_Y

ClientSampleId :

VY0629SBS01

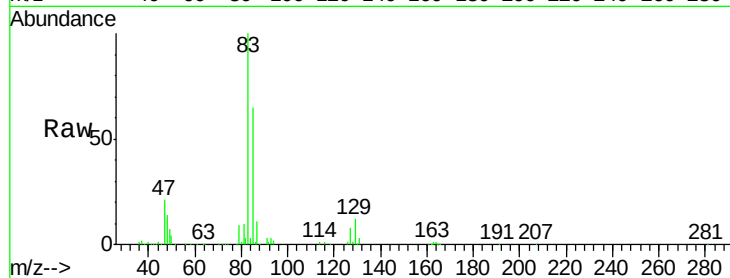
Tot Ion: 83 Resp: 151516

Ion Ratio Lower Upper

83 100

85 65.5 50.5 75.7

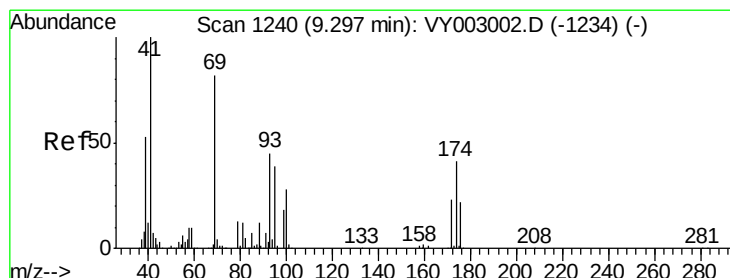
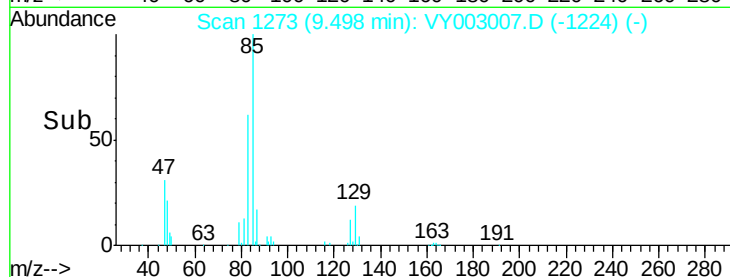
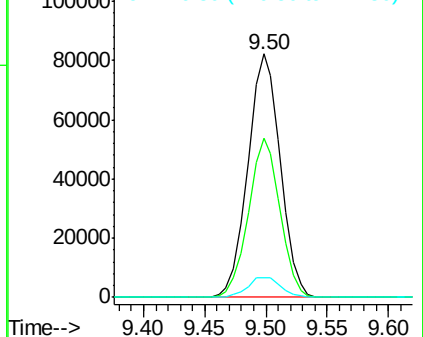
127 8.1 7.0 10.4



Abundance Ion 82.90 (82.60 to 83.60): VY0

Ion 84.90 (84.60 to 85.60): VY0

Ion 126.80 (126.50 to 127.50): VY0



#48

Methyl methacrylate

Concen: 21.372 ug/l

RT: 9.30 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VY003007.D

Acq: 29 Jun 2020 15:32

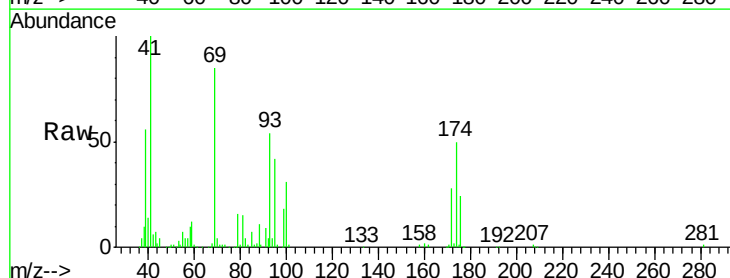
Tgt Ion: 41 Resp: 77910

Ion Ratio Lower Upper

41 100

69 87.3 67.7 101.5

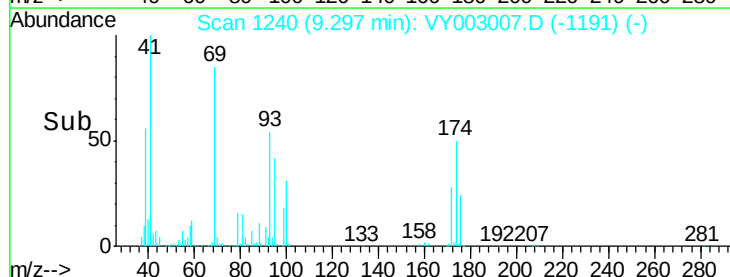
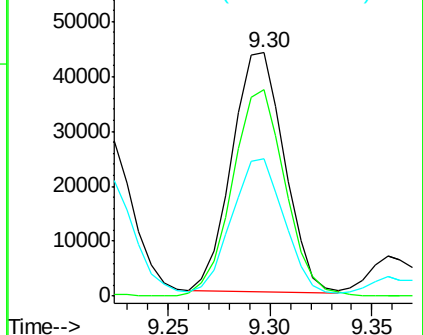
39 58.4 45.0 67.4

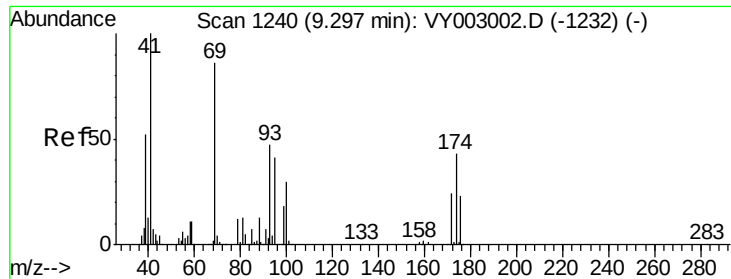


Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 69.00 (68.70 to 69.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

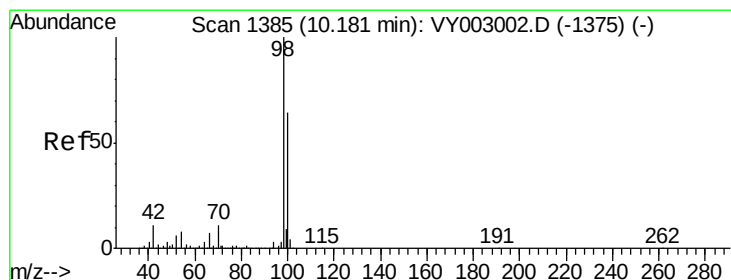
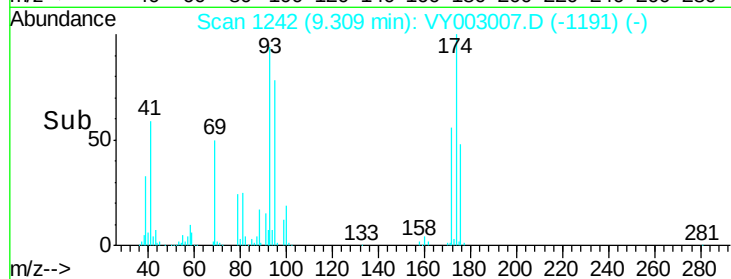
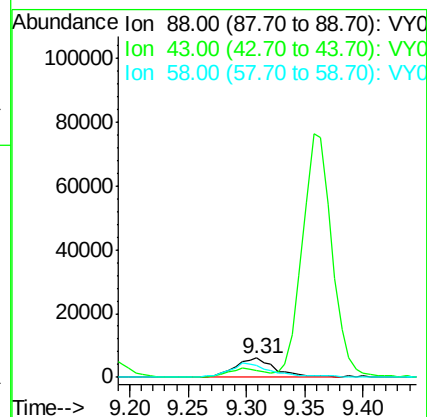
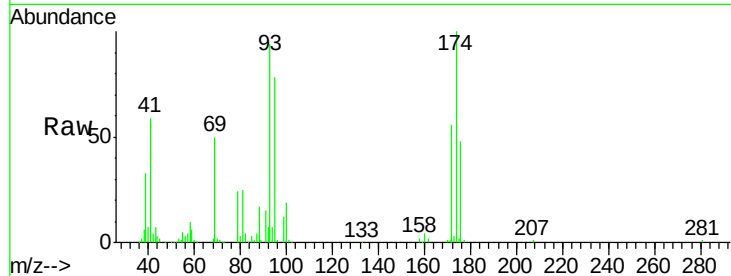




#49
 1,4-Dioxane
 Concen: 433.554 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. 0.01 min
 Lab File: VY003007.D
 Acq: 29 Jun 2020 15:32

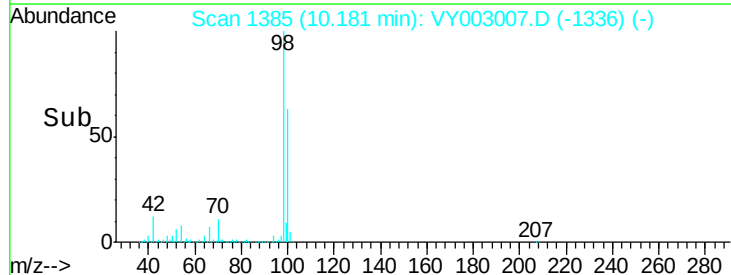
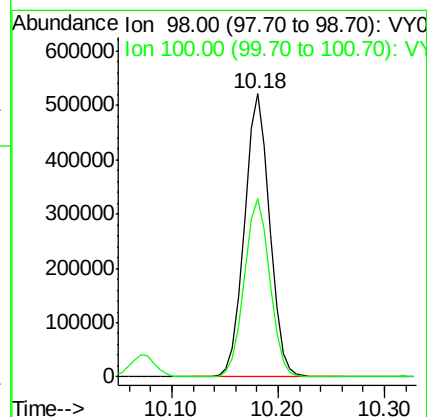
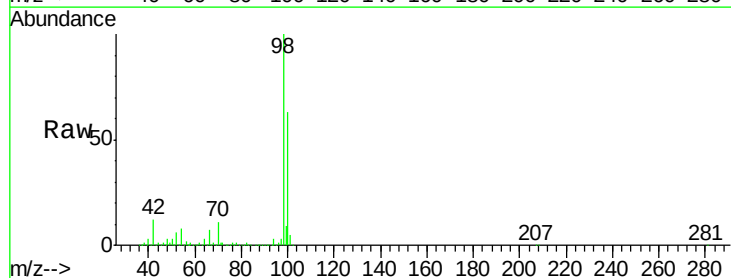
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0629SBS01

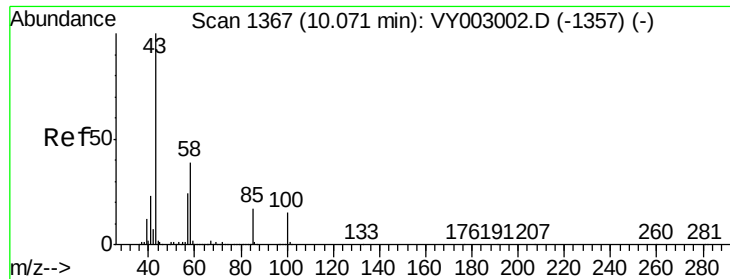
Tot Ion: 88 Resp: 15255
 Ion Ratio Lower Upper
 88 100
 43 38.3 28.6 42.8
 58 68.4 56.7 85.1



#50
 Toluene-d8
 Concen: 51.423 ug/l
 RT: 10.18 min Scan# 1385
 Delta R.T. -0.00 min
 Lab File: VY003007.D
 Acq: 29 Jun 2020 15:32

Tgt Ion: 98 Resp: 869314
 Ion Ratio Lower Upper
 98 100
 100 63.8 51.1 76.7

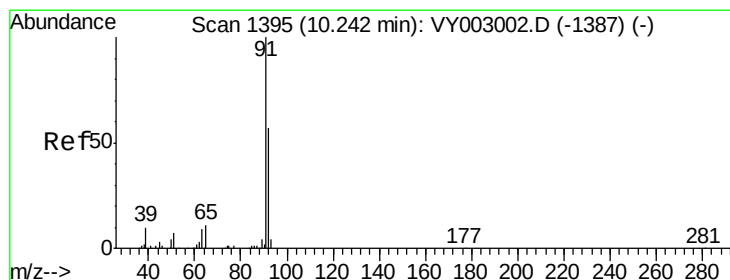
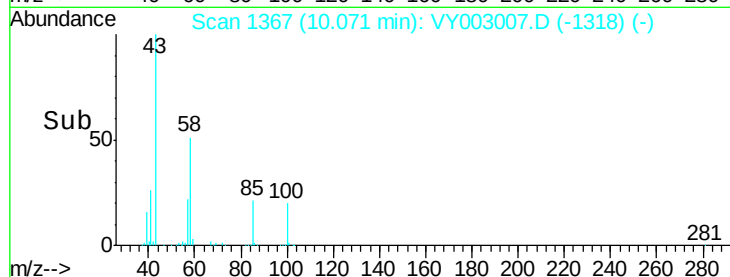
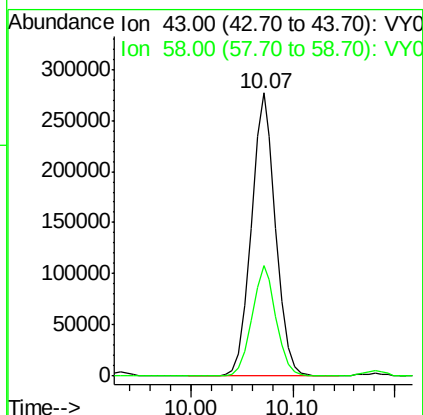
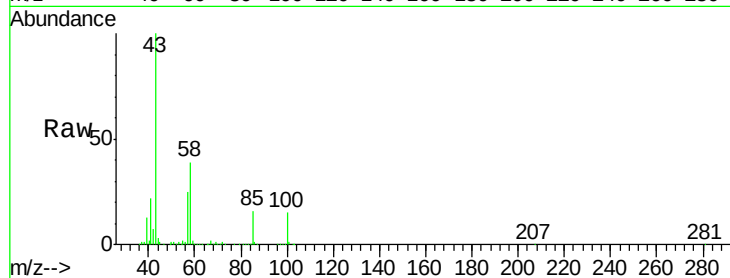




#51
4-Methyl-2-Pentanone
Concen: 110.337 ug/l
RT: 10.07 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VY003007.D
Acq: 29 Jun 2020 15:32

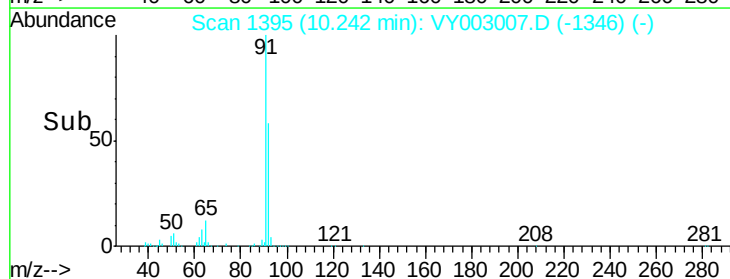
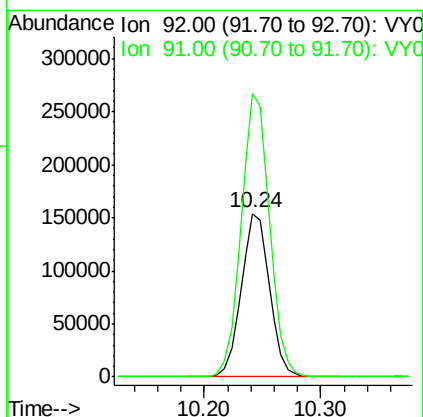
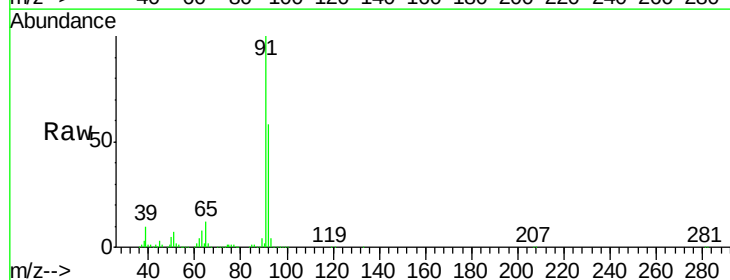
Instrument :
MSVOA_Y
ClientSampleId :
VY0629SBS01

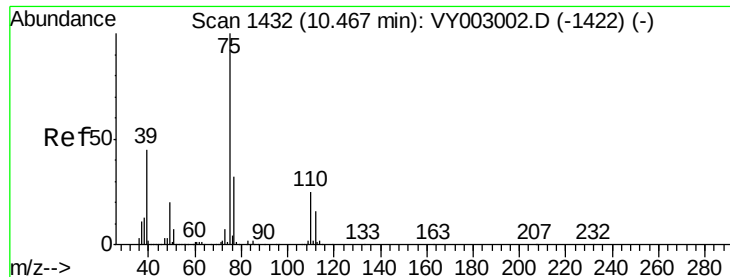
Tot Ion: 43 Resp: 456737
Ion Ratio Lower Upper
43 100
58 38.9 31.1 46.7



#52
Toluene
Concen: 21.565 ug/l
RT: 10.24 min Scan# 1395
Delta R.T. -0.00 min
Lab File: VY003007.D
Acq: 29 Jun 2020 15:32

Tgt Ion: 92 Resp: 260407
Ion Ratio Lower Upper
92 100
91 174.8 139.6 209.4





#53

t-1,3-Dichloropropene

Concen: 21.428 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VY003007.D

Acq: 29 Jun 2020 15:32

Instrument :

MSVOA_Y

ClientSampled :

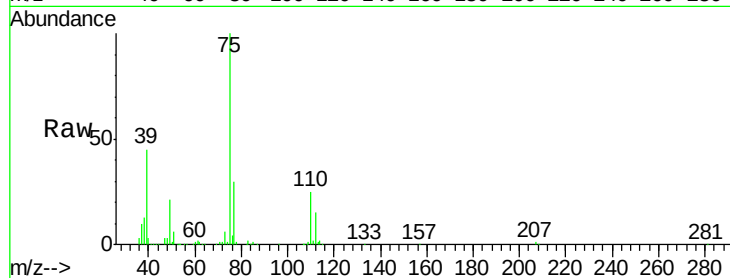
VY0629SBS01

Tot Ion: 75 Resp: 158563

Ion Ratio Lower Upper

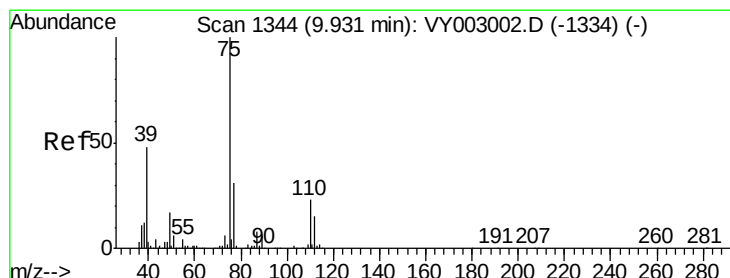
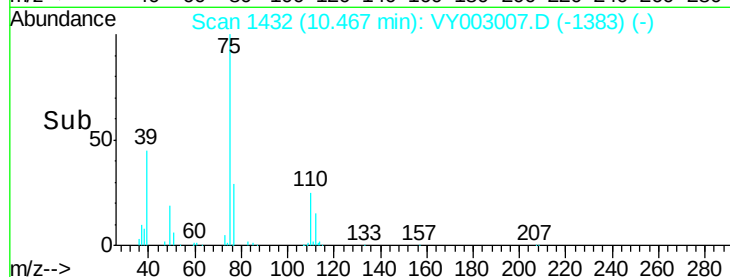
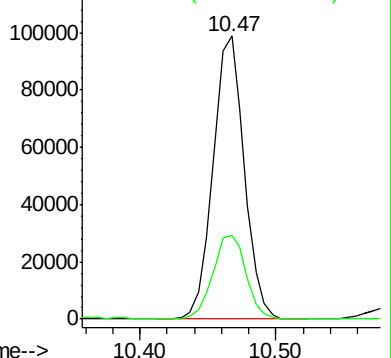
75 100

77 29.5 25.9 38.9



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0



#54

cis-1,3-Dichloropropene

Concen: 21.182 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. -0.00 min

Lab File: VY003007.D

Acq: 29 Jun 2020 15:32

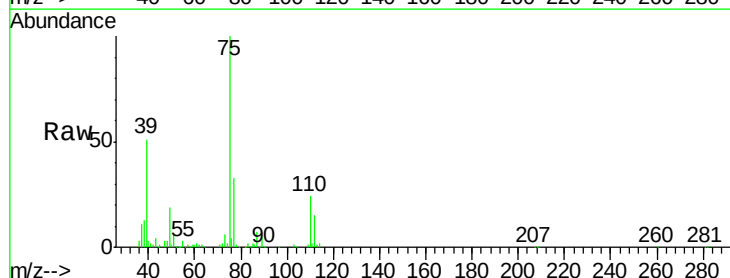
Tgt Ion: 75 Resp: 179261

Ion Ratio Lower Upper

75 100

77 33.4 24.6 37.0

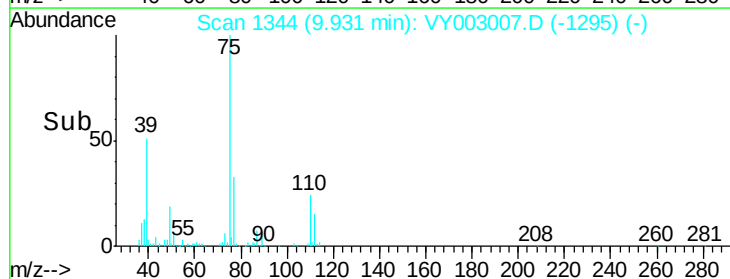
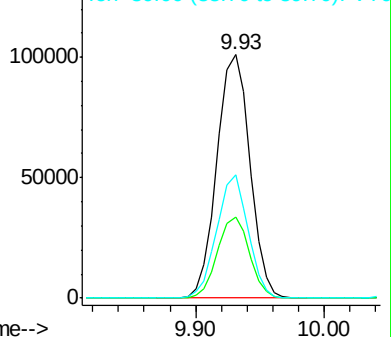
39 50.8 38.3 57.5

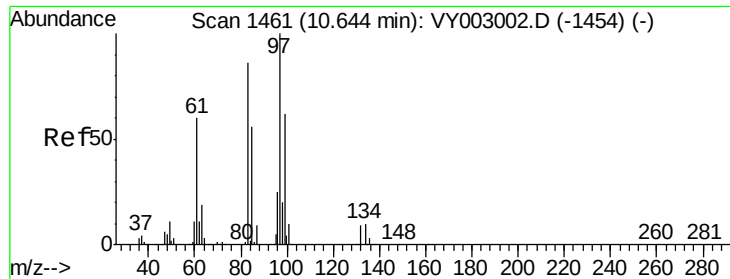


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0

Ion 39.00 (38.70 to 39.70): VY0

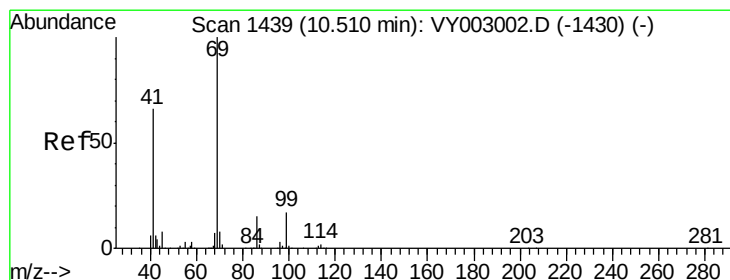
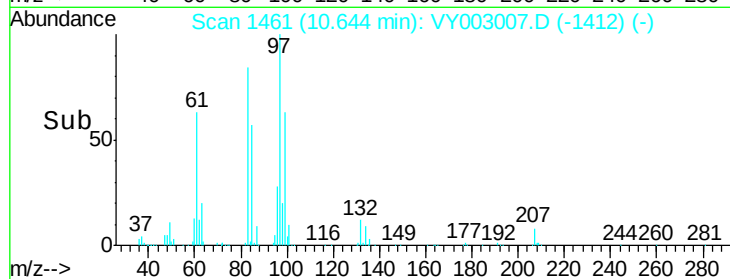
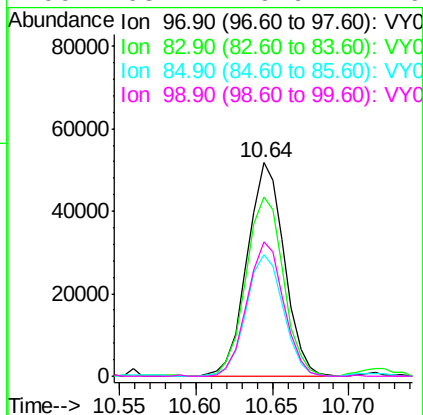
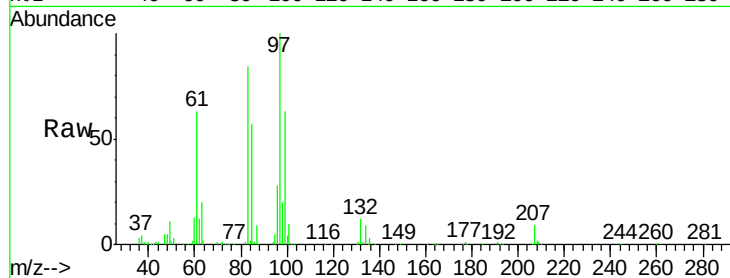




#55
 1,1,2-Trichloroethane
 Concen: 21.846 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. -0.00 min
 Lab File: VY003007.D
 Acq: 29 Jun 2020 15:32

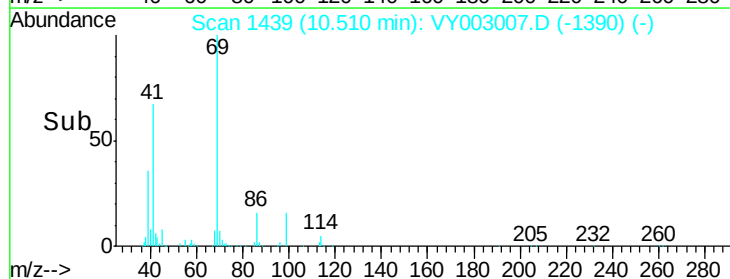
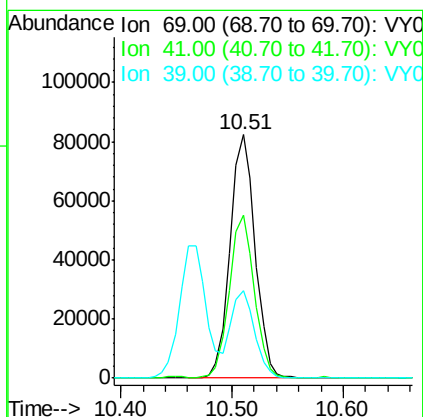
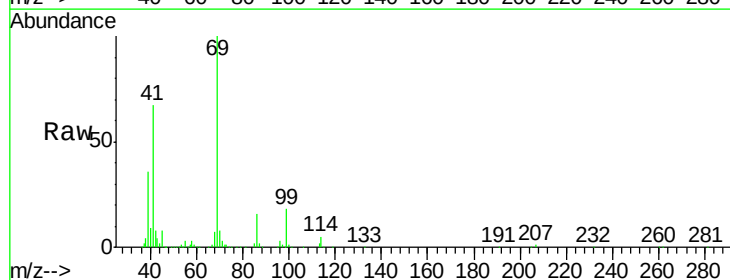
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0629SBS01

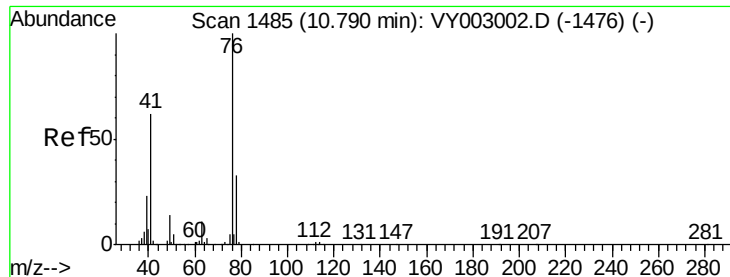
Tot Ion:	97	Resp:	87501
Ion	Ratio	Lower	Upper
97	100		
83	84.1	69.0	103.6
85	56.6	44.8	67.2
99	63.1	49.9	74.9



#56
 Ethyl methacrylate
 Concen: 22.113 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. -0.00 min
 Lab File: VY003007.D
 Acq: 29 Jun 2020 15:32

Tgt Ion:	69	Resp:	128214
Ion	Ratio	Lower	Upper
69	100		
41	66.0	53.7	80.5
39	33.4	28.3	42.5





#57

1,3-Dichloropropane

Concen: 21.890 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. -0.00 min

Lab File: VY003007.D

Acq: 29 Jun 2020 15:32

Instrument :

MSVOA_Y

ClientSampleId :

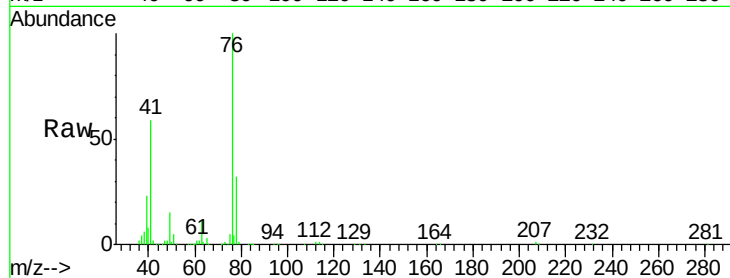
VY0629SBS01

Tot Ion: 76 Resp: 153924

Ion Ratio Lower Upper

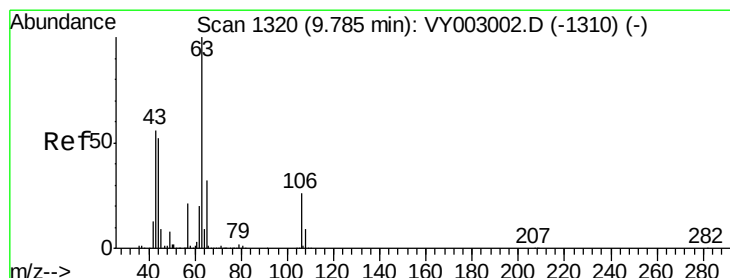
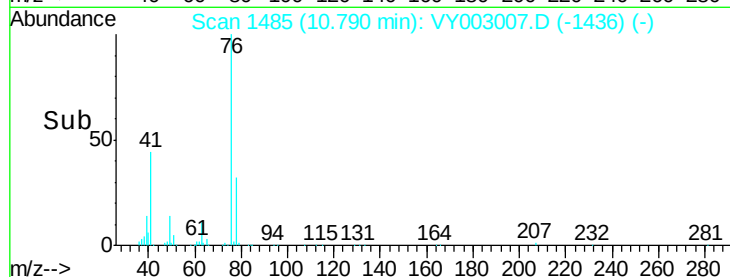
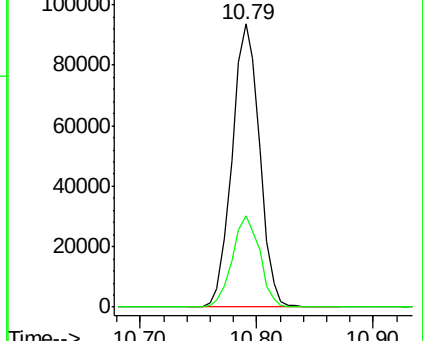
76 100

78 32.2 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: 96.641 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. -0.00 min

Lab File: VY003007.D

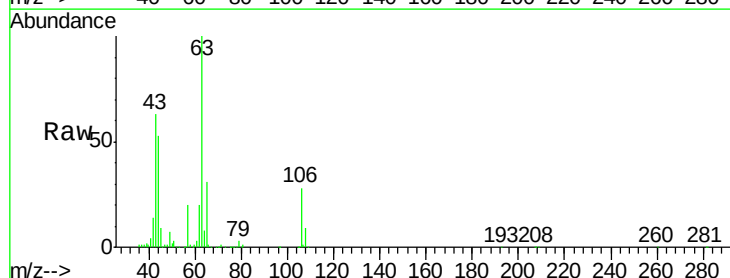
Acq: 29 Jun 2020 15:32

Tgt Ion: 63 Resp: 287378

Ion Ratio Lower Upper

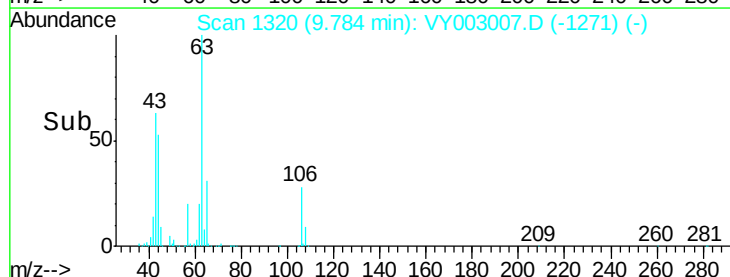
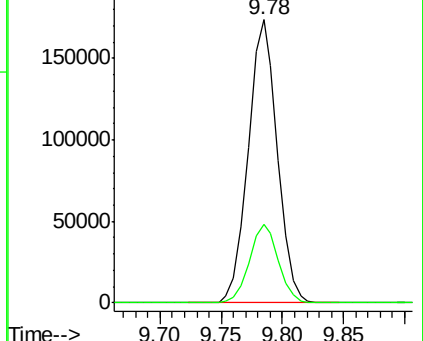
63 100

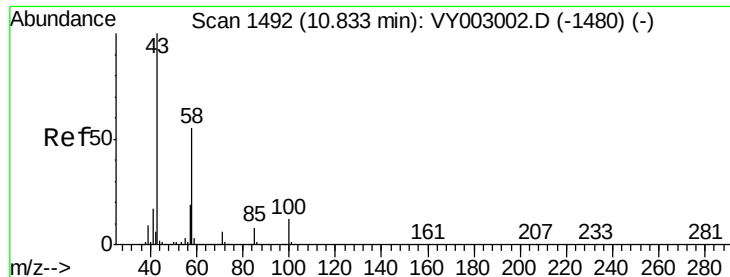
106 27.5 21.5 32.3



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V

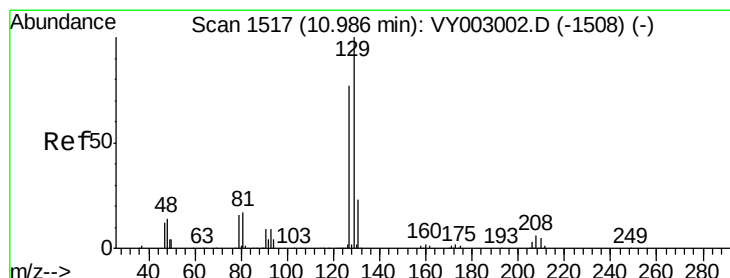
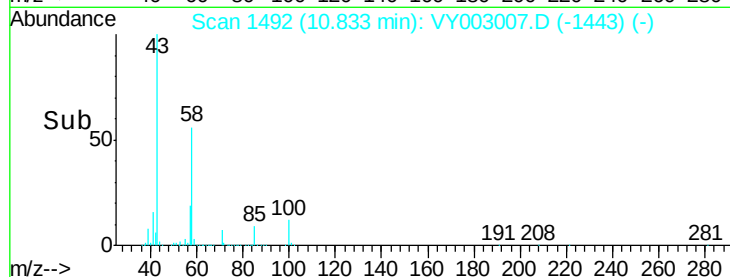
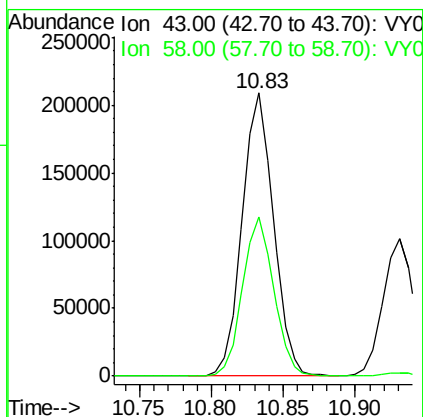
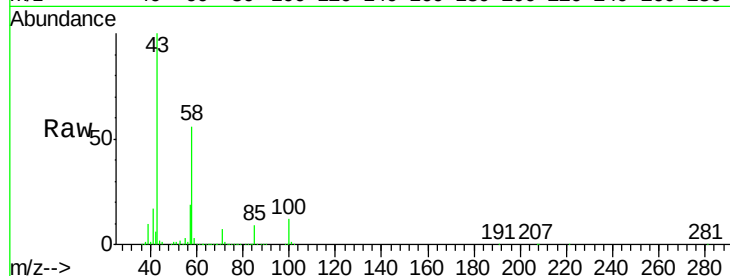




#59
2-Hexanone
Concen: 109.148 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VY003007.D
Acq: 29 Jun 2020 15:32

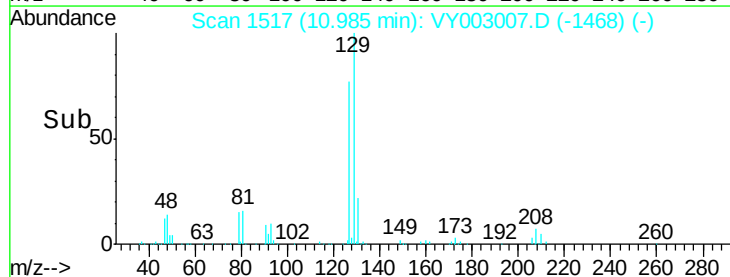
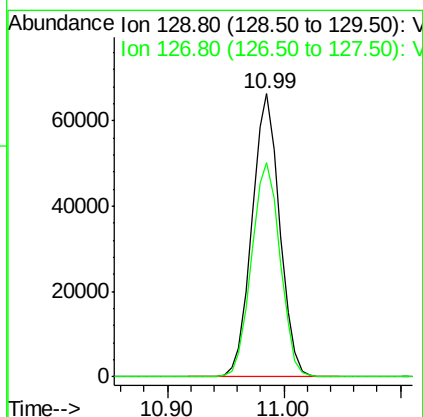
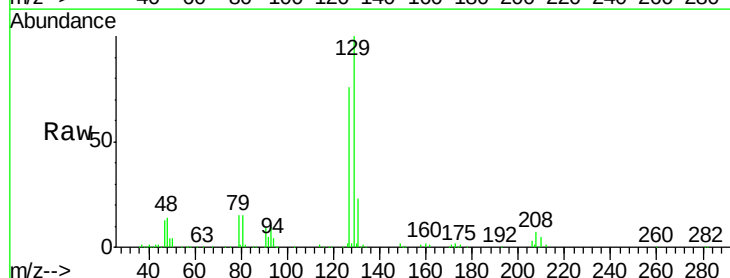
Instrument :
MSVOA_Y
ClientSampleId :
VY0629SBS01

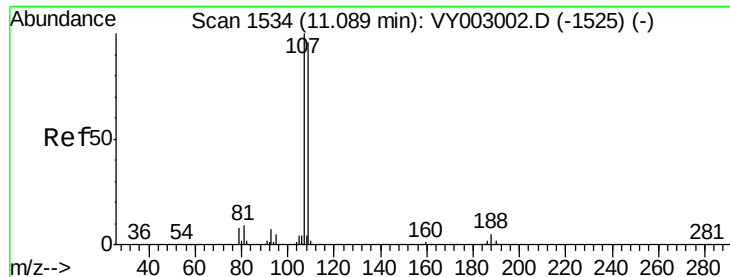
Tot Ion: 43 Resp: 315802
Ion Ratio Lower Upper
43 100
58 55.8 27.5 82.4



#60
Dibromochloromethane
Concen: 21.549 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VY003007.D
Acq: 29 Jun 2020 15:32

Tgt Ion: 129 Resp: 110455
Ion Ratio Lower Upper
129 100
127 78.0 39.1 117.3

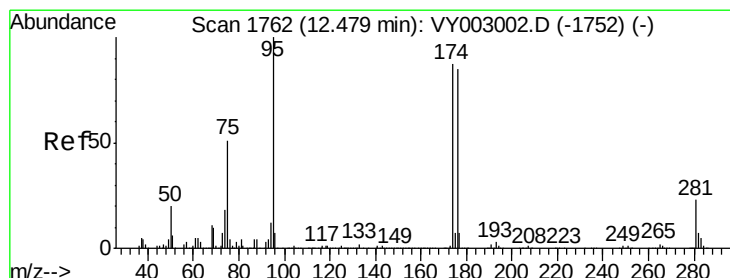
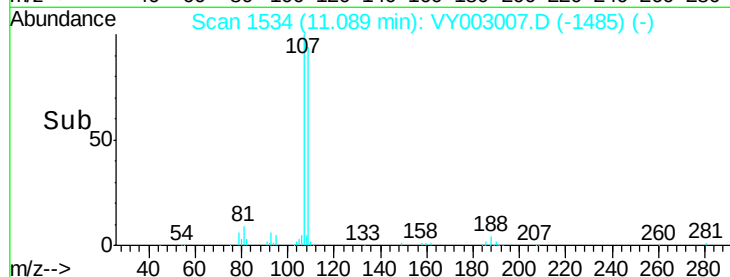
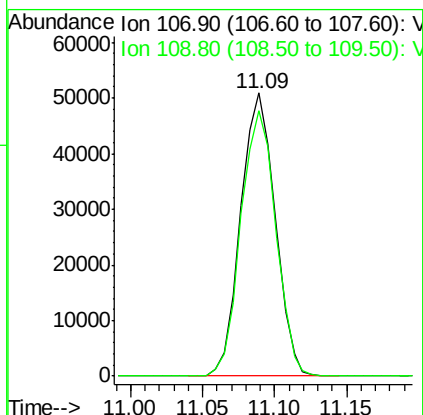
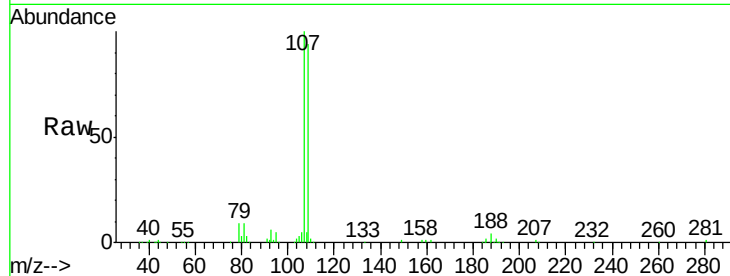




#61
 1,2-Dibromoethane
 Concen: 21.377 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. -0.00 min
 Lab File: VY003007.D
 Acq: 29 Jun 2020 15:32

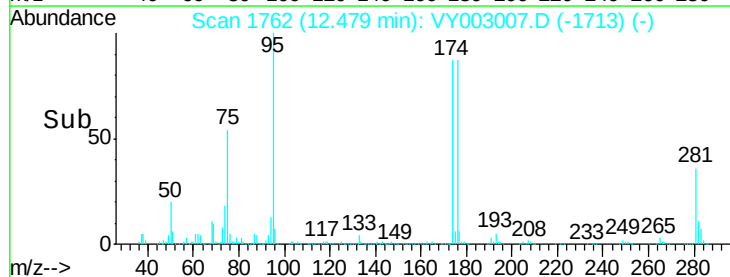
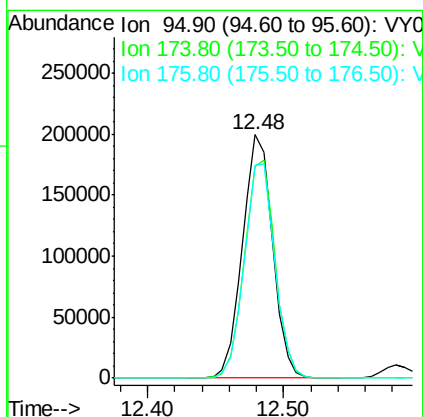
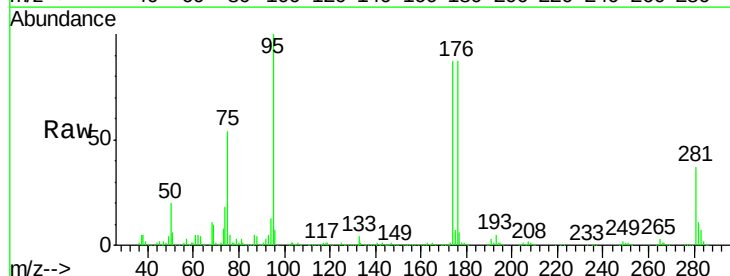
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0629SBS01

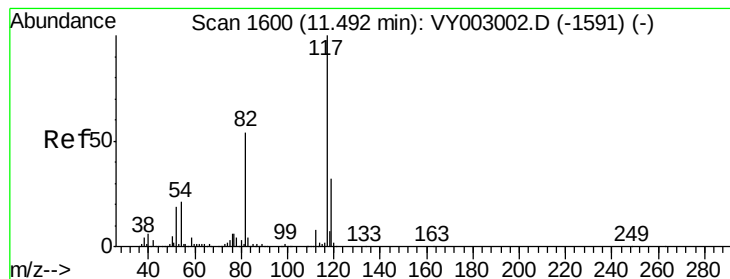
Tot Ion: 107 Resp: 84414
 Ion Ratio Lower Upper
 107 100
 109 95.3 75.8 113.8



#62
 4-Bromofluorobenzene
 Concen: 51.858 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. -0.00 min
 Lab File: VY003007.D
 Acq: 29 Jun 2020 15:32

Tgt Ion: 95 Resp: 308588
 Ion Ratio Lower Upper
 95 100
 174 91.2 0.0 184.8
 176 89.6 0.0 183.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.49 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VY003007.D

Acq: 29 Jun 2020 15:32

Instrument :

MSVOA_Y

ClientSampleId :

VY0629SBS01

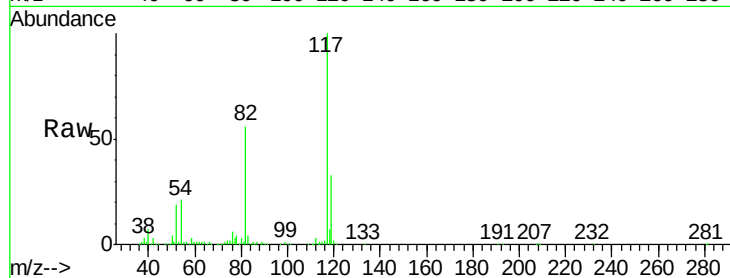
Tot Ion:117 Resp: 658447

Ion Ratio Lower Upper

117 100

82 55.8 43.0 64.6

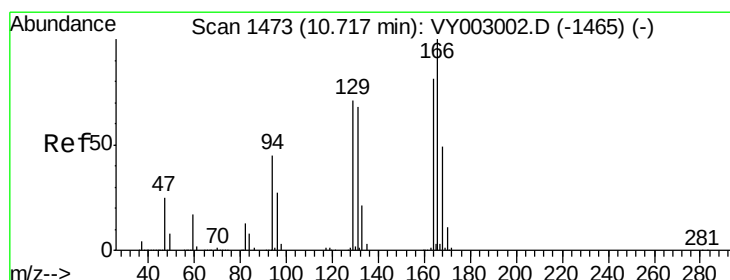
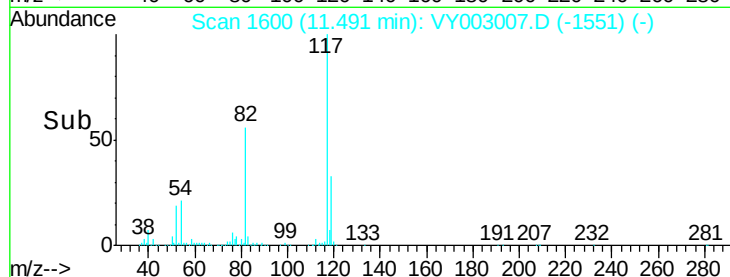
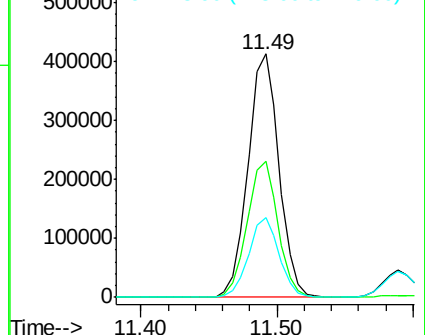
119 33.0 25.8 38.8



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VY0

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 22.514 ug/l

RT: 10.72 min Scan# 1473

Delta R.T. -0.00 min

Lab File: VY003007.D

Acq: 29 Jun 2020 15:32

Tgt Ion:164 Resp: 125462

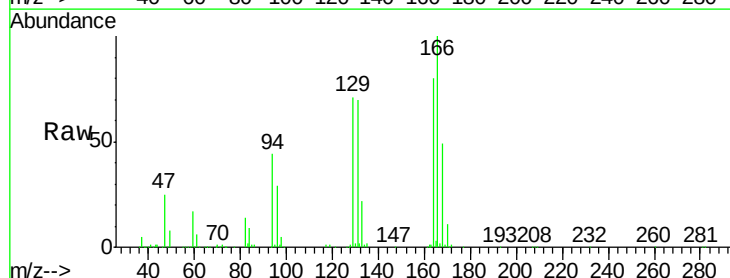
Ion Ratio Lower Upper

164 100

166 124.4 98.5 147.7

129 88.9 69.7 104.5

131 87.1 67.2 100.8

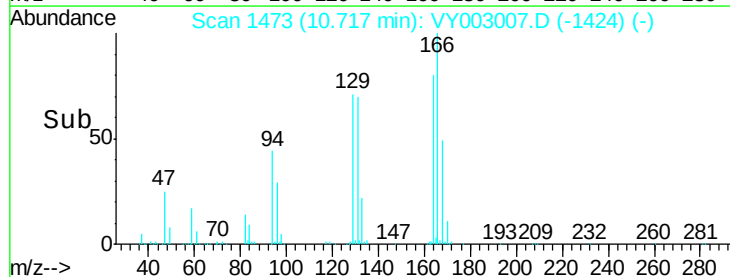
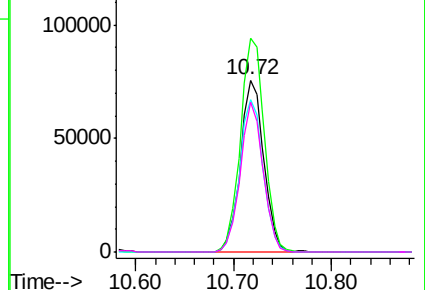


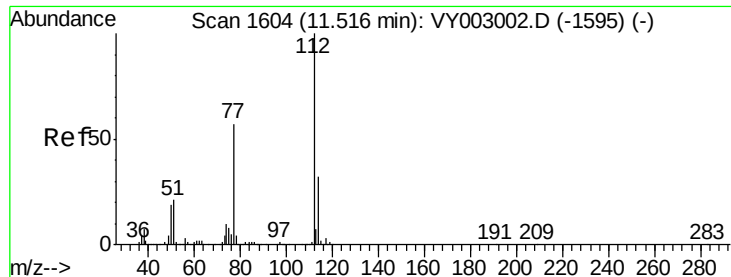
Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V

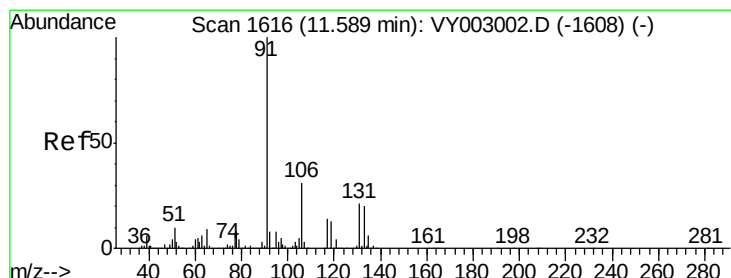
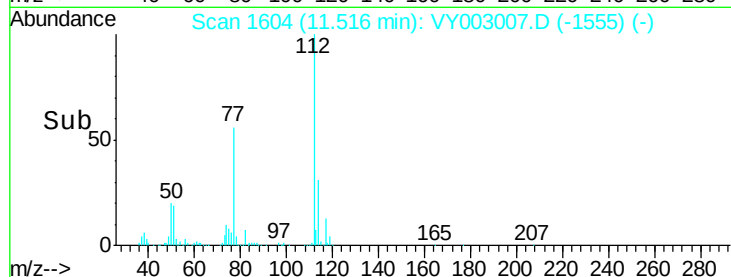
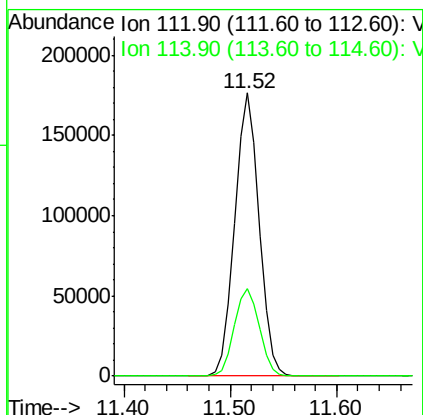
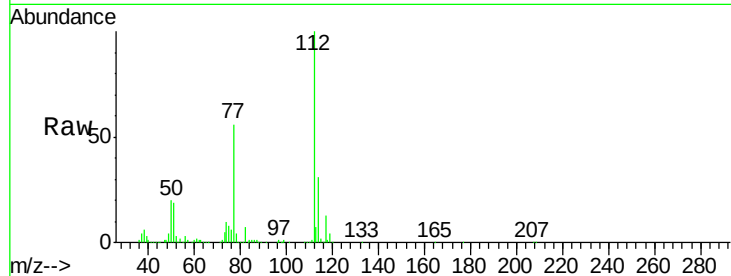




#65
Chlorobenzene
Concen: 21.876 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VY003007.D
Acq: 29 Jun 2020 15:32

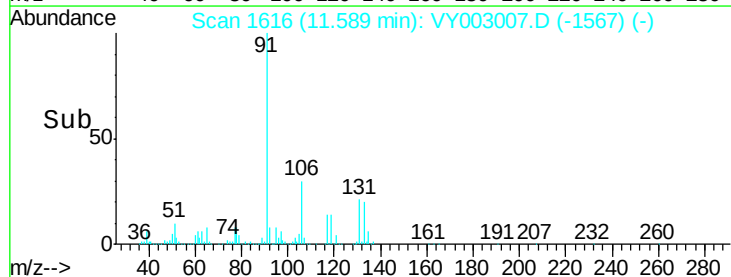
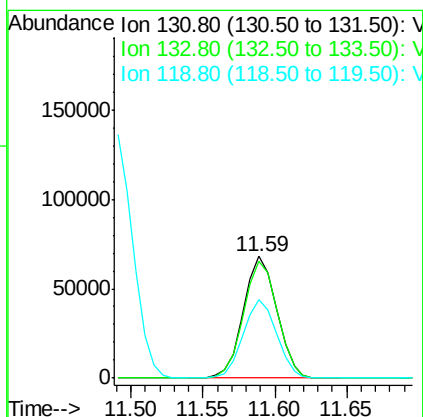
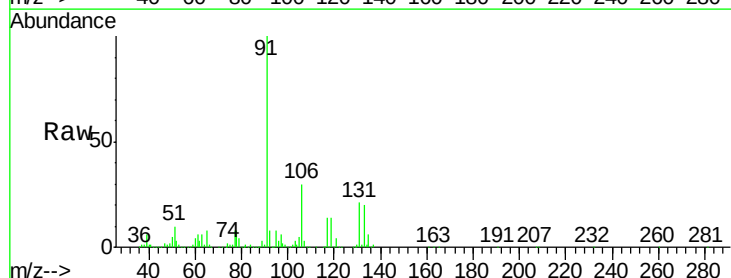
Instrument :
MSVOA_Y
ClientSampleId :
VY0629SBS01

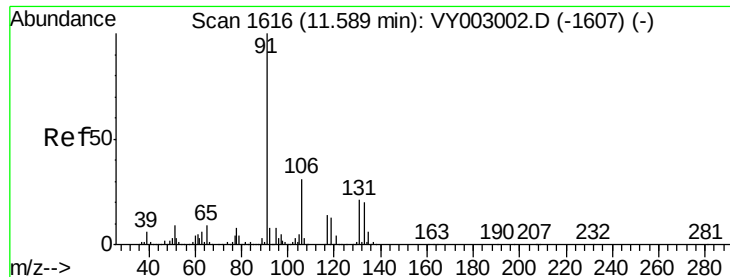
Tot Ion:112 Resp: 284019
Ion Ratio Lower Upper
112 100
114 31.1 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 21.576 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.00 min
Lab File: VY003007.D
Acq: 29 Jun 2020 15:32

Tgt Ion:131 Resp: 109369
Ion Ratio Lower Upper
131 100
133 97.5 47.9 143.8
119 64.2 31.8 95.3

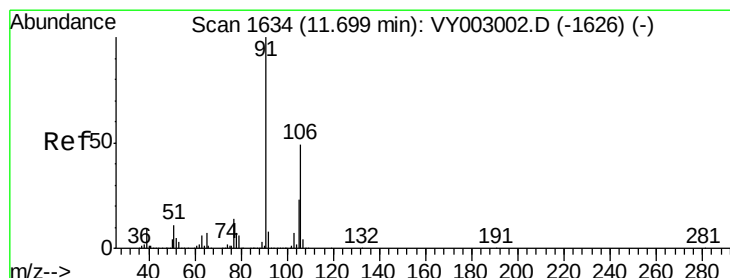
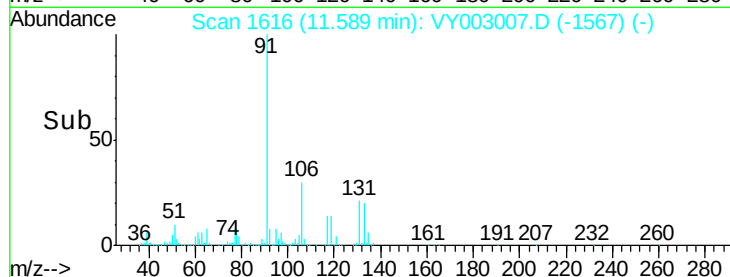
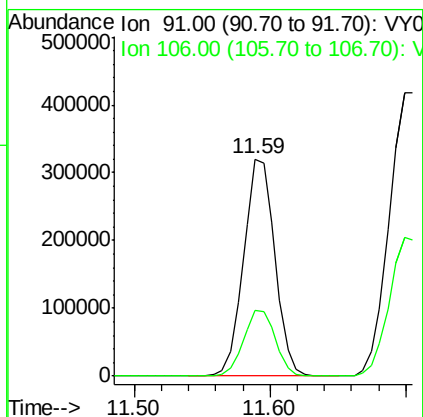
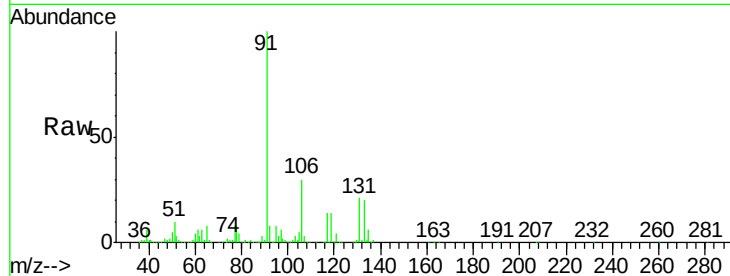




#67
Ethyl Benzene
Concen: 21.666 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.00 min
Lab File: VY003007.D
Acq: 29 Jun 2020 15:32

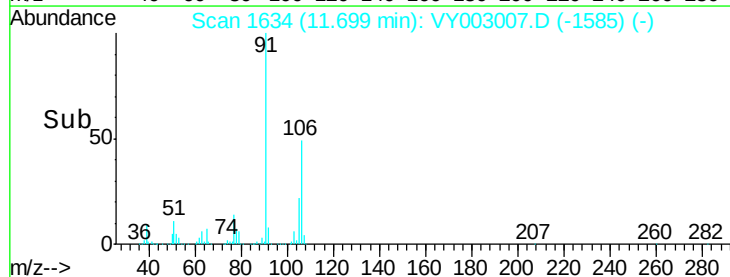
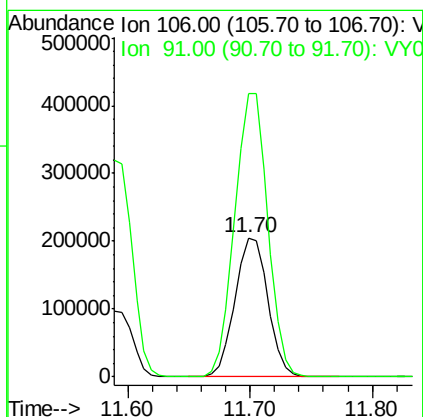
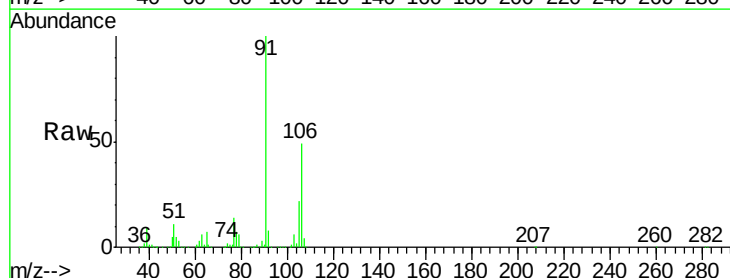
Instrument :
MSVOA_Y
ClientSampleId :
VY0629SBS01

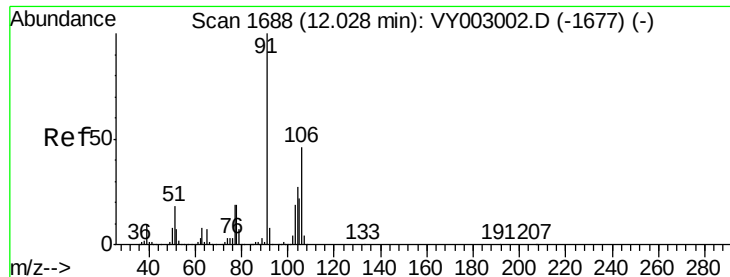
Tot Ion: 91 Resp: 514624
Ion Ratio Lower Upper
91 100
106 30.5 25.0 37.4



#68
m/p-Xylenes
Concen: 43.231 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. -0.00 min
Lab File: VY003007.D
Acq: 29 Jun 2020 15:32

Tgt Ion: 106 Resp: 382164
Ion Ratio Lower Upper
106 100
91 204.5 161.9 242.9

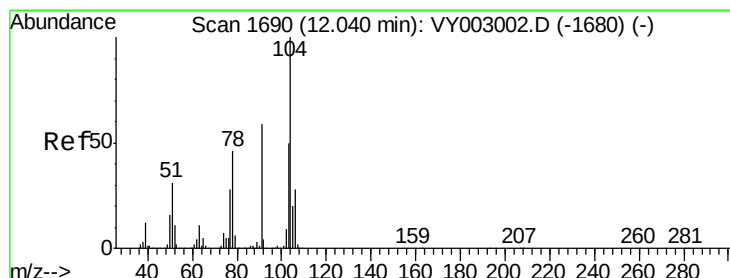
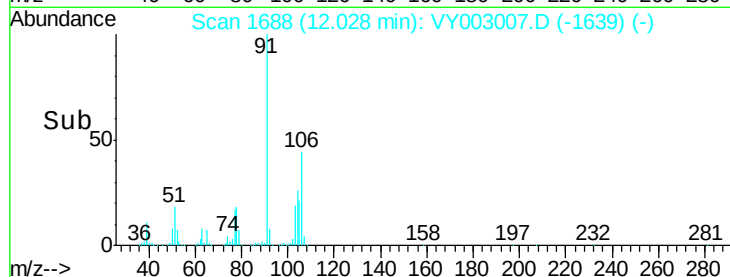
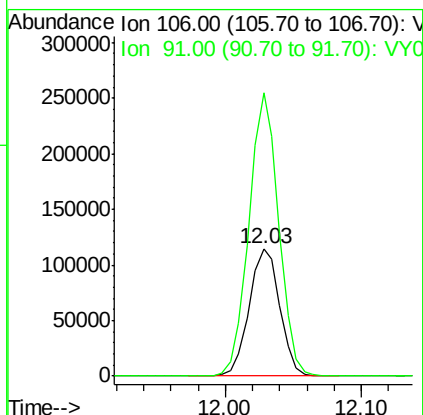
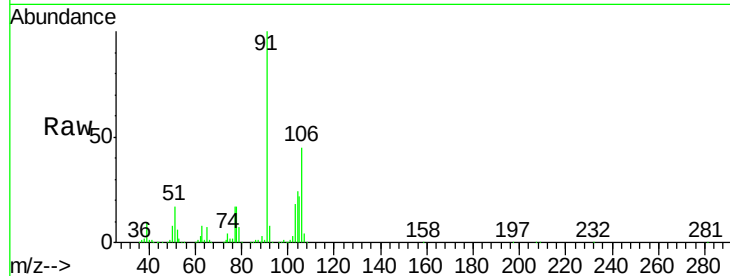




#69
o-Xylene
Concen: 21.825 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VY003007.D
Acq: 29 Jun 2020 15:32

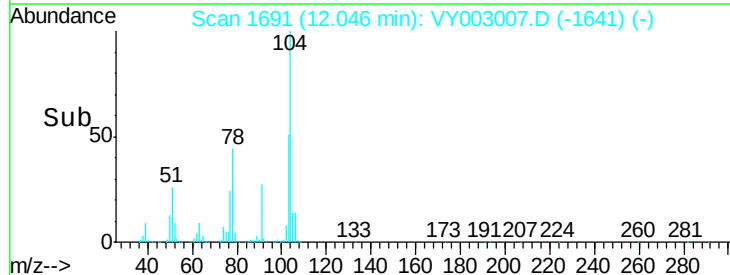
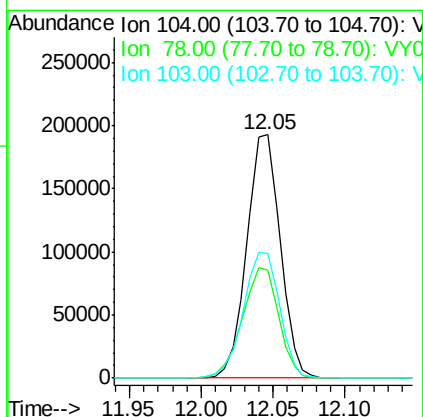
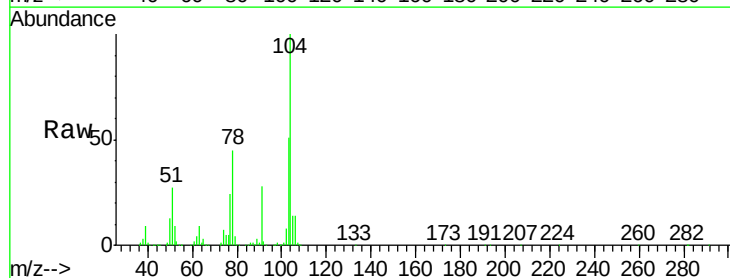
Instrument :
MSVOA_Y
ClientSampleId :
VY0629SBS01

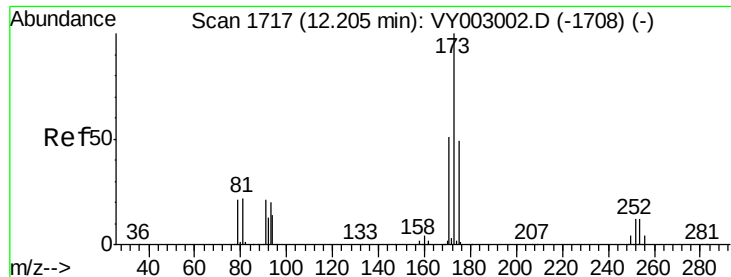
Tot Ion:106 Resp: 181805
Ion Ratio Lower Upper
106 100
91 214.2 107.9 323.8



#70
Styrene
Concen: 21.730 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. 0.01 min
Lab File: VY003007.D
Acq: 29 Jun 2020 15:32

Tgt Ion:104 Resp: 309246
Ion Ratio Lower Upper
104 100
78 49.5 40.4 60.6
103 56.2 44.1 66.1





#71

Bromoform

Concen: 22.146 ug/l

RT: 12.21 min Scan# 1718

Delta R.T. 0.01 min

Lab File: VY003007.D

Acq: 29 Jun 2020 15:32

Instrument :

MSVOA_Y

ClientSampleId :

VY0629SBS01

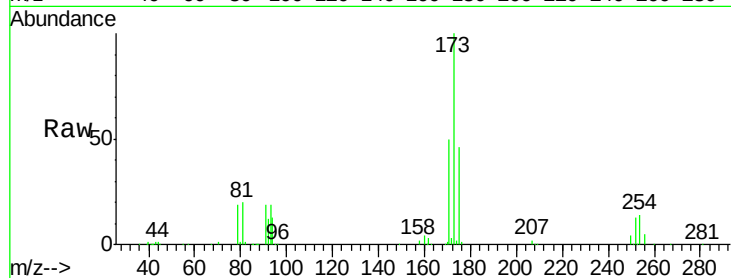
Tot Ion:173 Resp: 74853

Ion Ratio Lower Upper

173 100

175 48.5 24.6 73.6

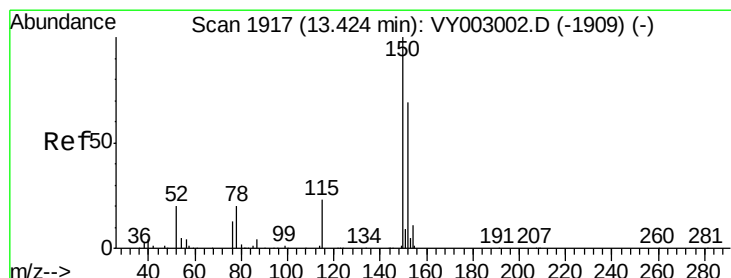
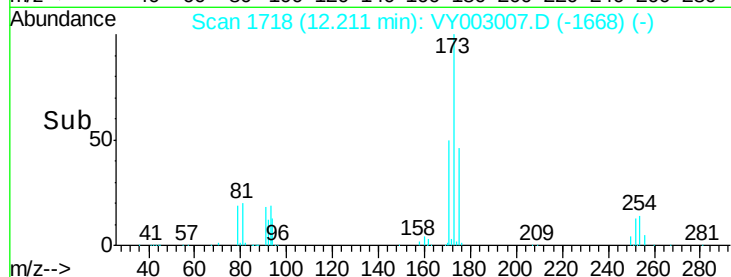
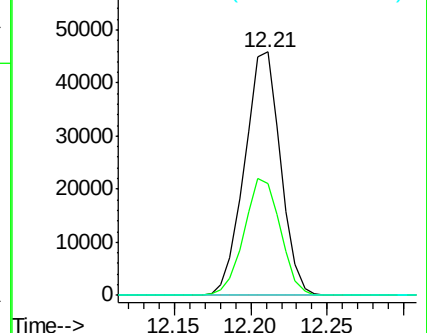
254 0.1 0.2 0.2#



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: VY003007.D

Acq: 29 Jun 2020 15:32

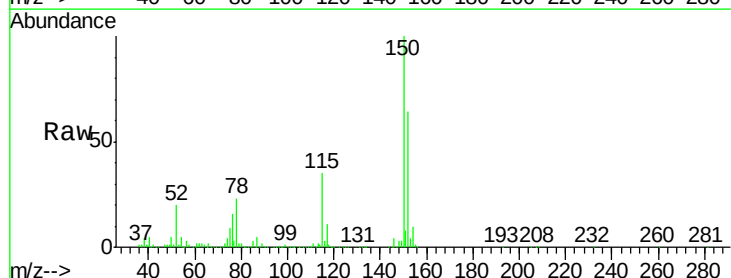
Tgt Ion:152 Resp: 354007

Ion Ratio Lower Upper

152 100

115 55.2 27.3 81.9

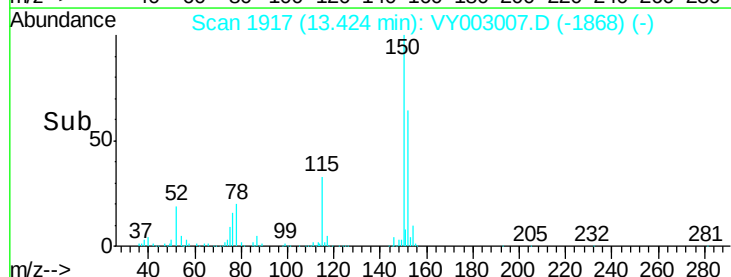
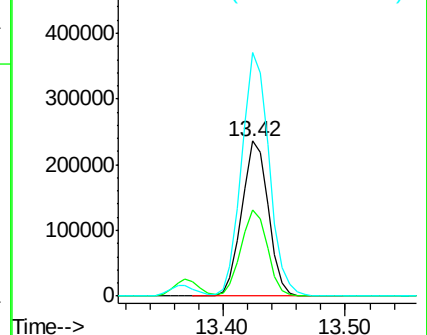
150 163.0 0.0 343.4

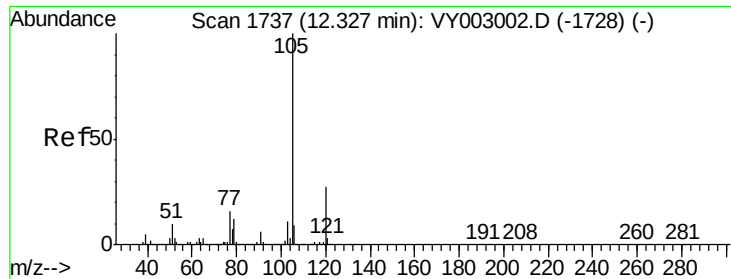


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 21.492 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. -0.00 min

Lab File: VY003007.D

Acq: 29 Jun 2020 15:32

Instrument :

MSVOA_Y

ClientSampleId :

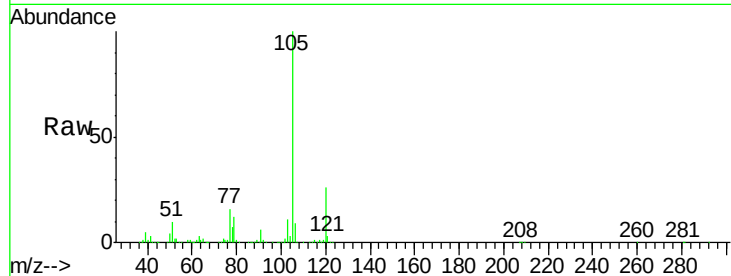
VY0629SBS01

Tot Ion:105 Resp: 497923

Ion Ratio Lower Upper

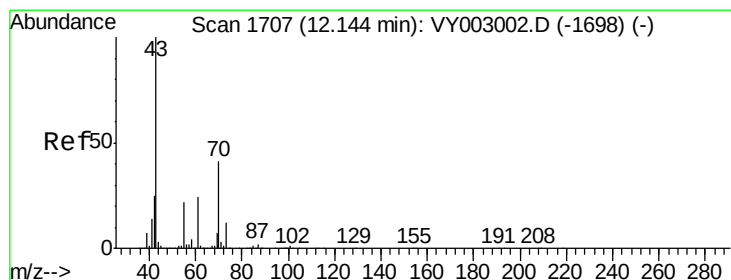
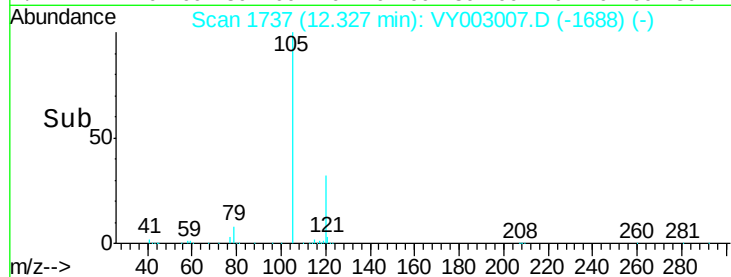
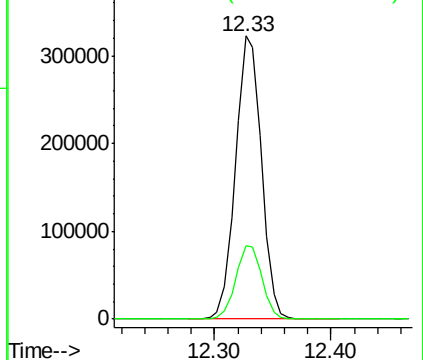
105 100

120 26.6 13.4 40.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 21.657 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VY003007.D

Acq: 29 Jun 2020 15:32

Tgt Ion: 43 Resp: 163342

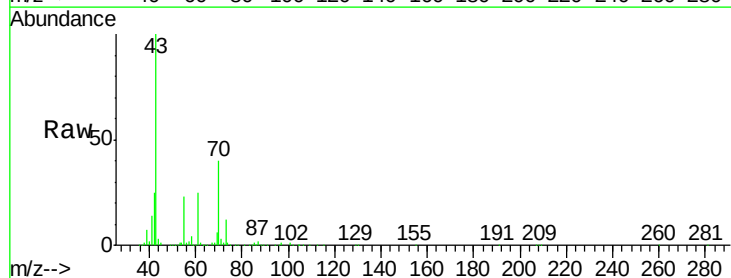
Ion Ratio Lower Upper

43 100

70 41.3 33.0 49.4

55 23.6 18.2 27.2

61 24.6 19.4 29.2

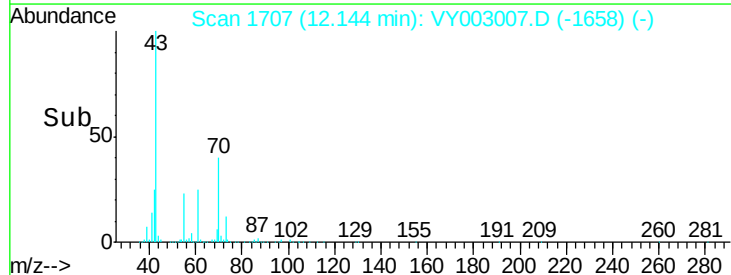
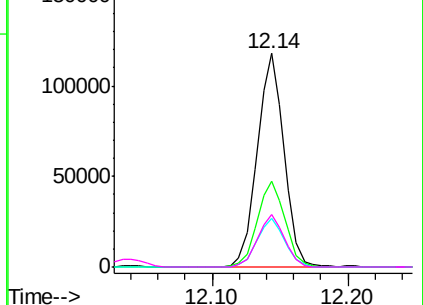


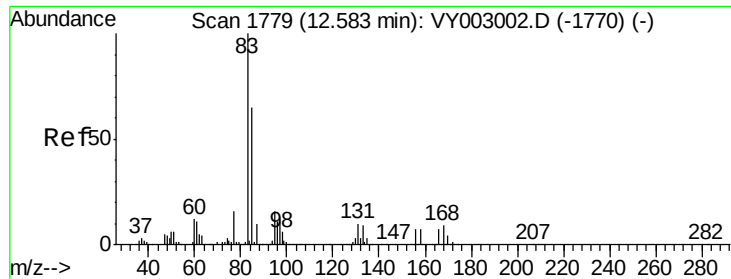
Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 70.00 (69.70 to 70.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 61.00 (60.70 to 61.70): VY0





#75

1,1,2,2-Tetrachloroethane

Concen: 21.274 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VY003007.D

Acq: 29 Jun 2020 15:32

Instrument :

MSVOA_Y

ClientSampleId :

VY0629SBS01

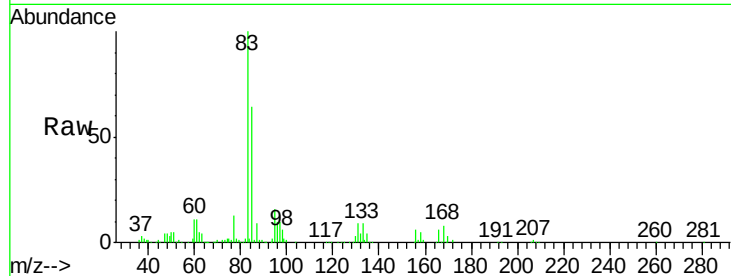
Tot Ion: 83 Resp: 99466

Ion Ratio Lower Upper

83 100

131 10.3 5.3 16.1

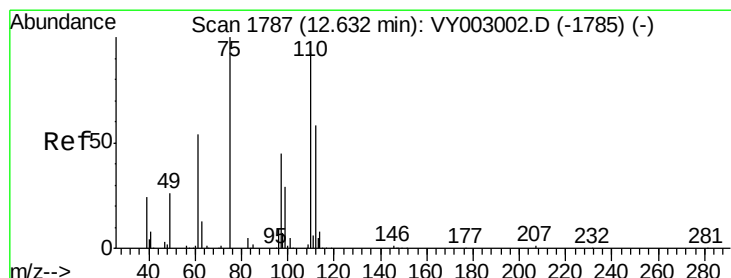
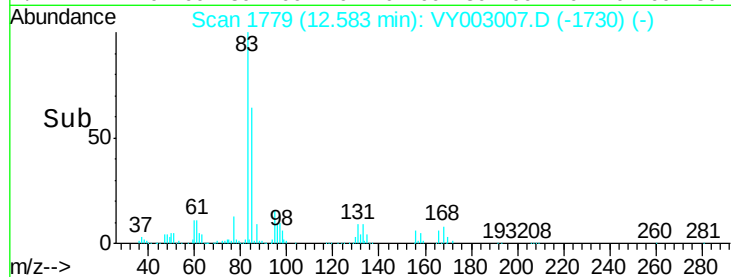
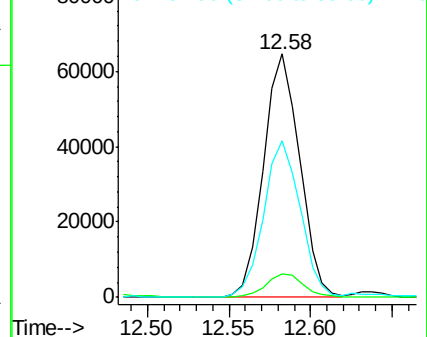
85 64.9 32.1 96.3



Abundance Ion 82.90 (82.60 to 83.60): VY0

Ion 130.80 (130.50 to 131.50): VY0

Ion 84.90 (84.60 to 85.60): VY0



#76

1,2,3-Trichloropropane

Concen: 40.981 ug/l

RT: 12.63 min Scan# 1787

Delta R.T. -0.00 min

Lab File: VY003007.D

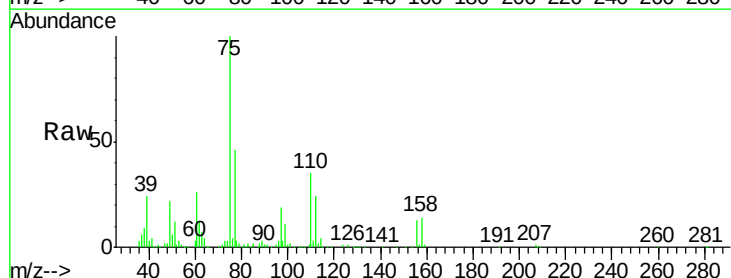
Acq: 29 Jun 2020 15:32

Tgt Ion: 75 Resp: 143579

Ion Ratio Lower Upper

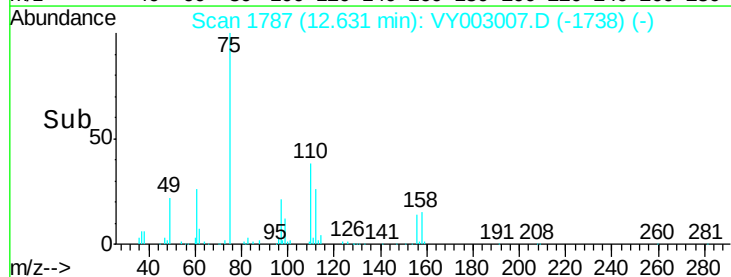
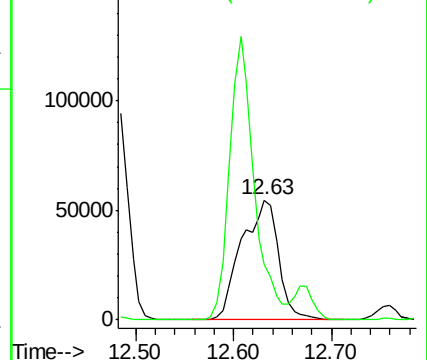
75 100

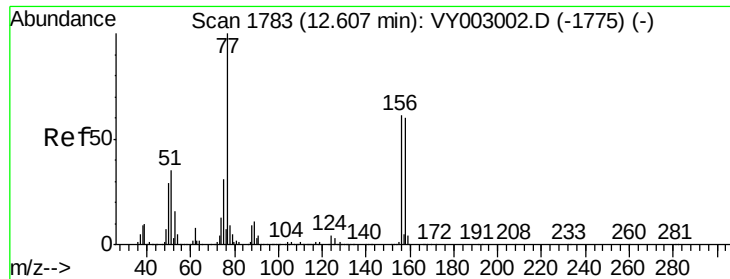
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 77.00 (76.70 to 77.70): VY0





#77

Bromobenzene

Concen: 21.259 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VY003007.D

Acq: 29 Jun 2020 15:32

Instrument :

MSVOA_Y

ClientSampleId :

VY0629SBS01

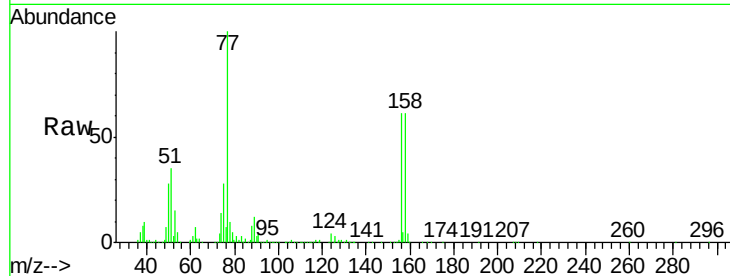
Tot Ion:156 Resp: 126288

Ion Ratio Lower Upper

156 100

77 180.9 90.0 270.0

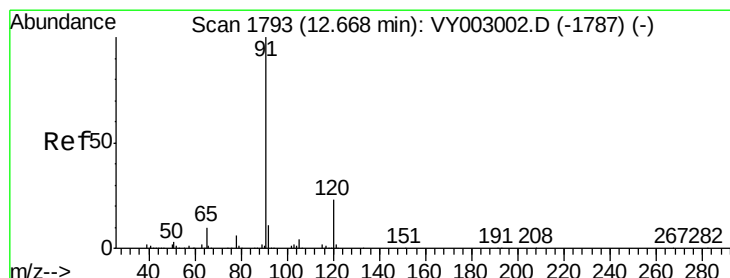
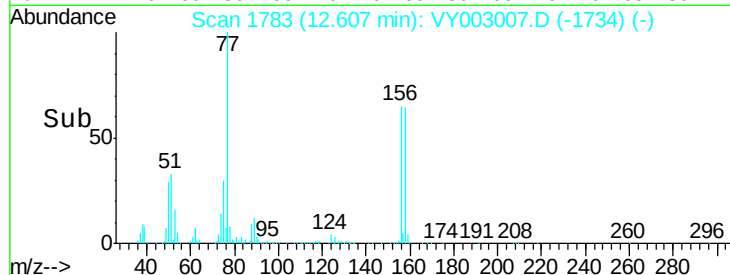
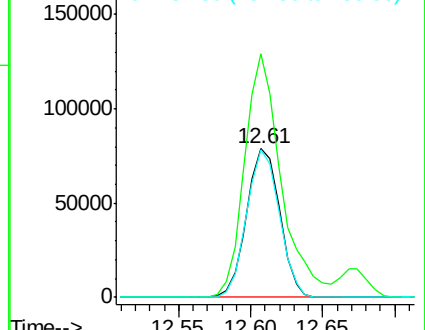
158 97.4 48.5 145.5



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 21.560 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VY003007.D

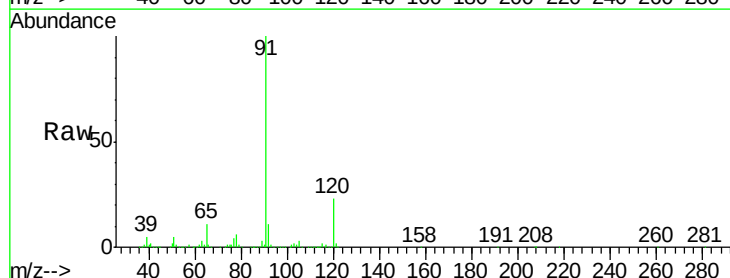
Acq: 29 Jun 2020 15:32

Tgt Ion: 91 Resp: 600727

Ion Ratio Lower Upper

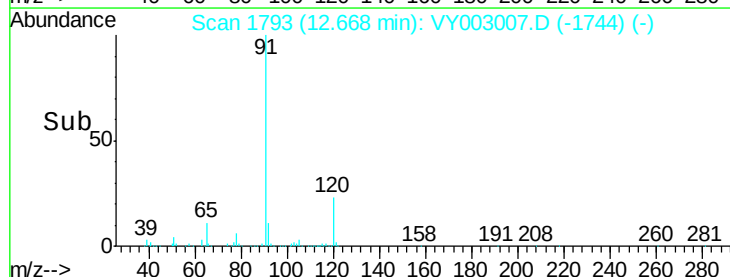
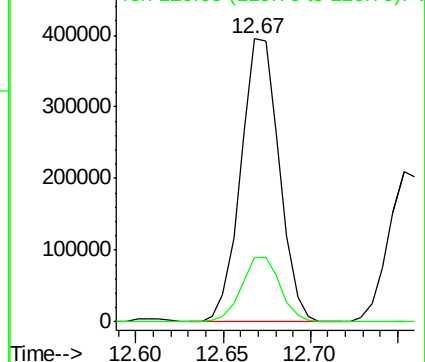
91 100

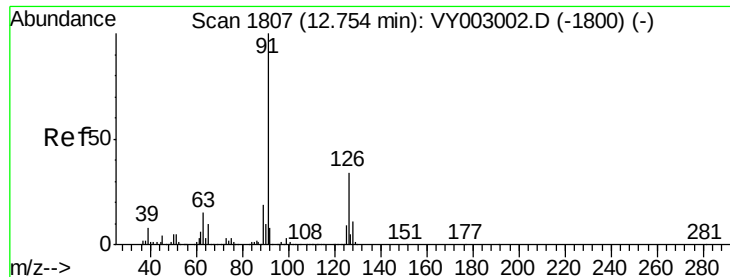
120 23.1 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V

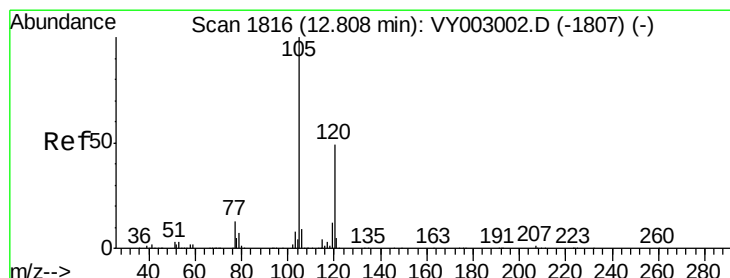
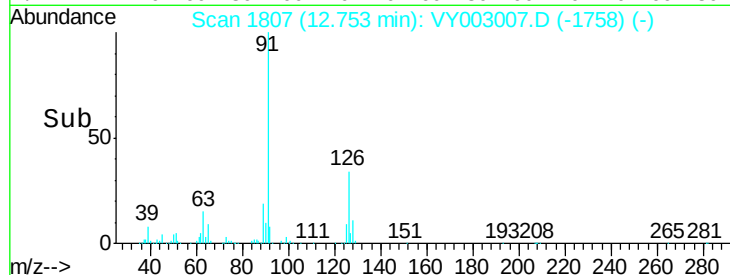
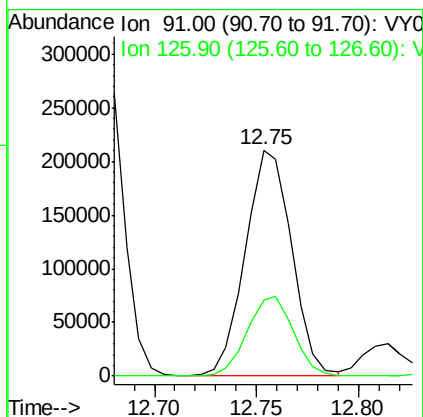
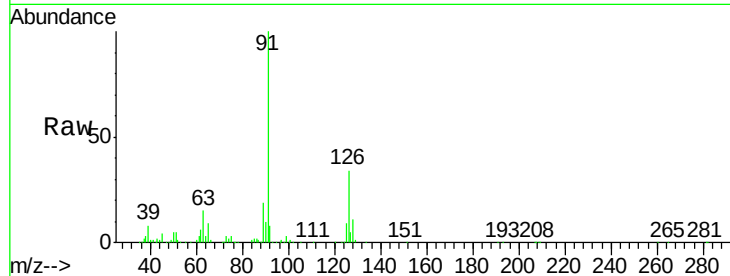




#79
 2-Chlorotoluene
 Concen: 21.420 ug/l
 RT: 12.75 min Scan# 1807
 Delta R.T. -0.00 min
 Lab File: VY003007.D
 Acq: 29 Jun 2020 15:32

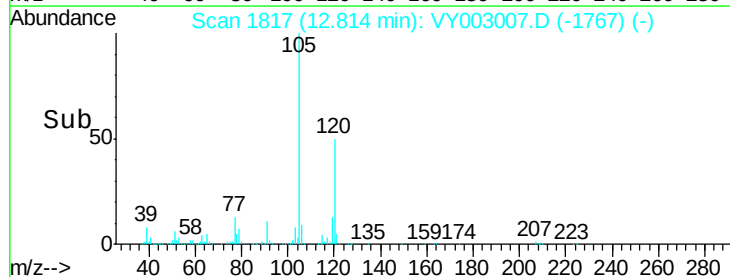
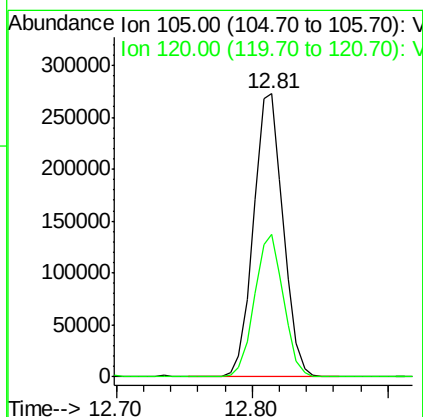
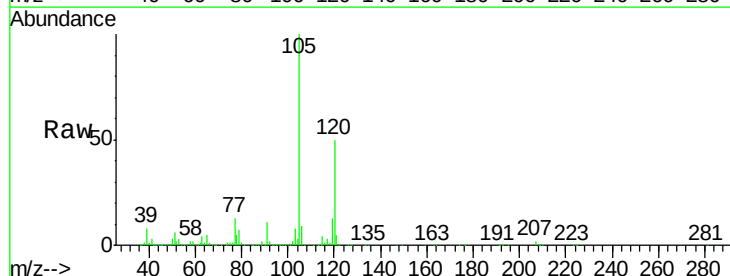
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0629SBS01

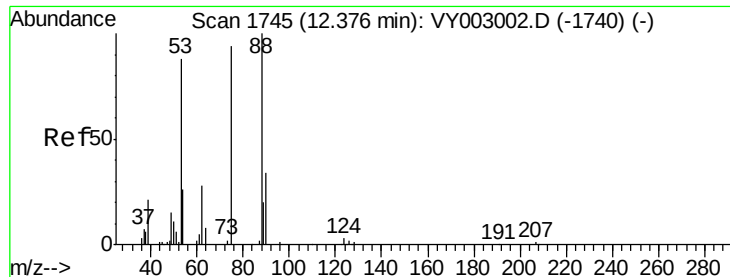
Tot Ion: 91 Resp: 333139
 Ion Ratio Lower Upper
 91 100
 126 35.4 17.1 51.3



#80
 1,3,5-Trimethylbenzene
 Concen: 21.433 ug/l
 RT: 12.81 min Scan# 1817
 Delta R.T. 0.01 min
 Lab File: VY003007.D
 Acq: 29 Jun 2020 15:32

Tgt Ion: 105 Resp: 416689
 Ion Ratio Lower Upper
 105 100
 120 49.1 24.6 73.6





#81

trans-1,4-Dichloro-2-butene

Concen: 21.750 ug/l

RT: 12.38 min Scan# 1746

Delta R.T. 0.01 min

Lab File: VY003007.D

Acq: 29 Jun 2020 15:32

Instrument :

MSVOA_Y

ClientSampleId :

VY0629SBS01

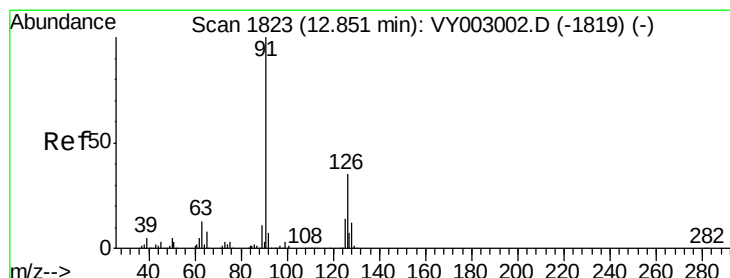
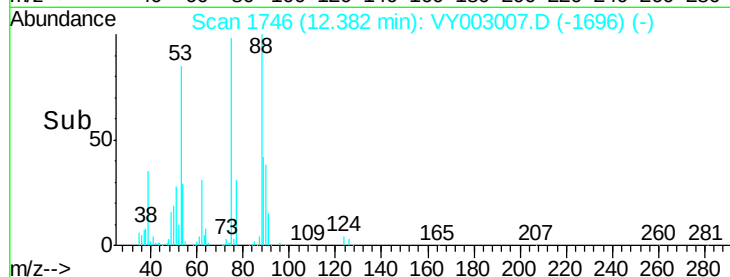
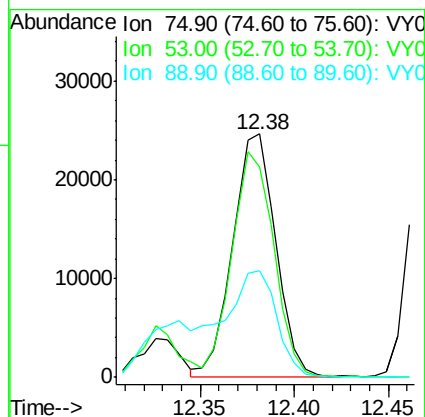
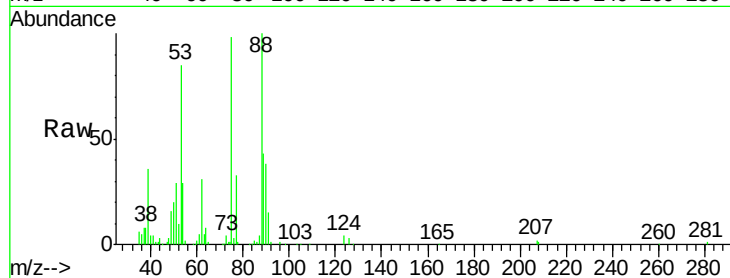
Tot Ion: 75 Resp: 39167

Ion Ratio Lower Upper

75 100

53 90.2 73.9 110.9

89 50.6 37.5 56.3



#82

4-Chlorotoluene

Concen: 21.730 ug/l

RT: 12.86 min Scan# 1824

Delta R.T. 0.01 min

Lab File: VY003007.D

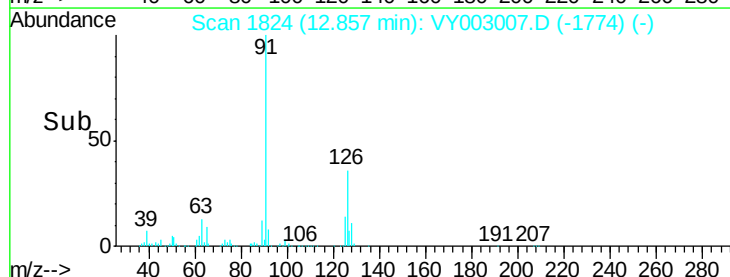
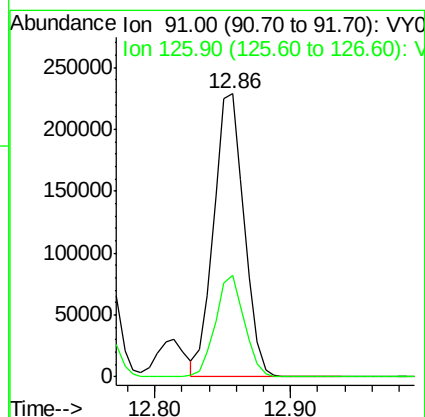
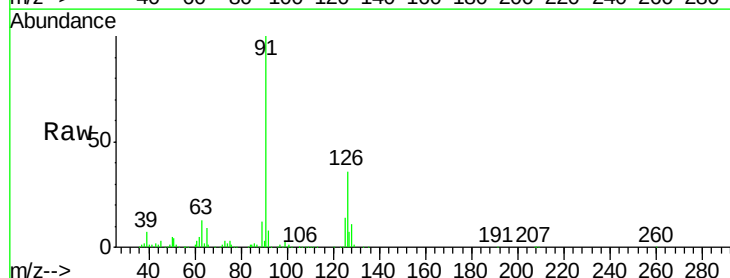
Acq: 29 Jun 2020 15:32

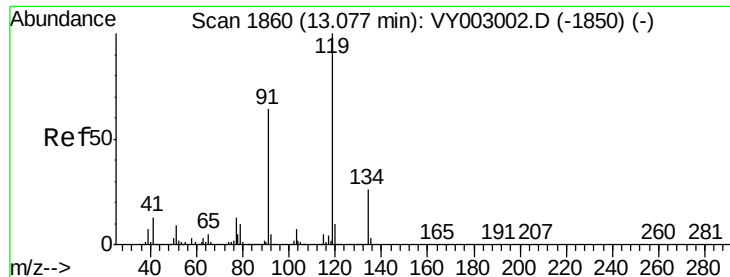
Tgt Ion: 91 Resp: 351871

Ion Ratio Lower Upper

91 100

126 34.4 17.4 52.3

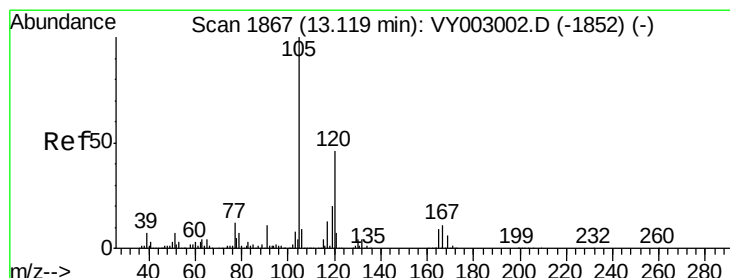
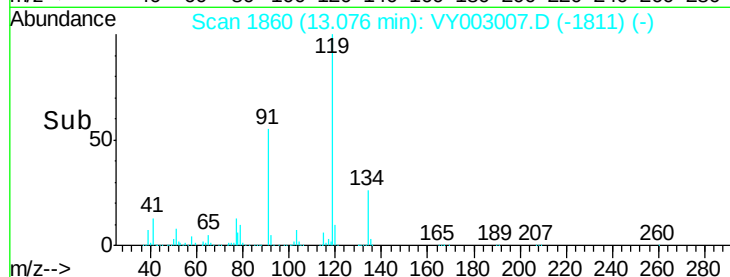
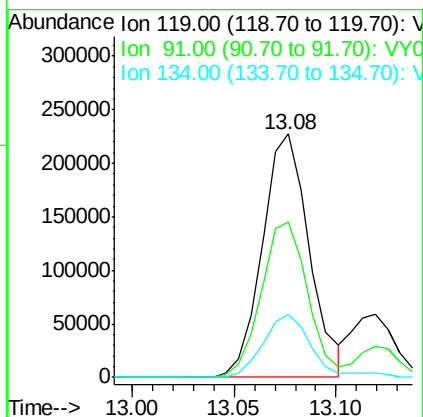
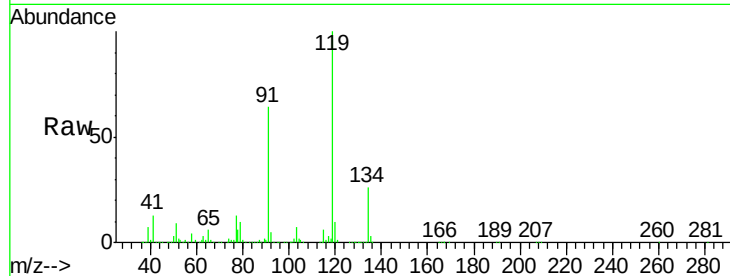




#83
tert-Butylbenzene
Concen: 21.320 ug/l
RT: 13.08 min Scan# 1860
Delta R.T. -0.00 min
Lab File: VY003007.D
Acq: 29 Jun 2020 15:32

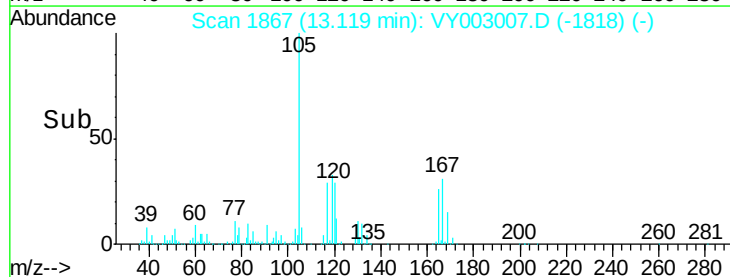
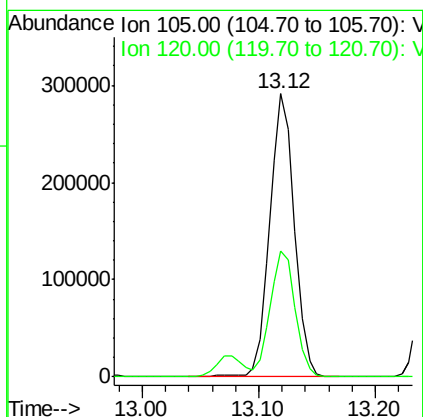
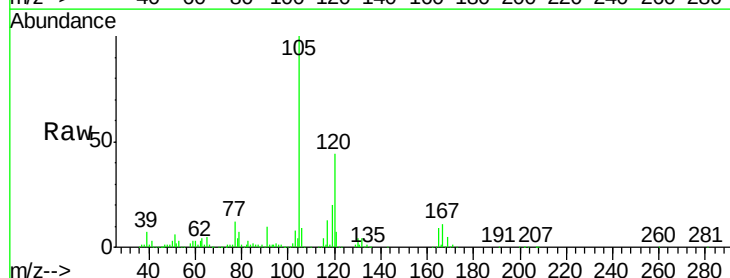
Instrument :
MSVOA_Y
ClientSampleId :
VY0629SBS01

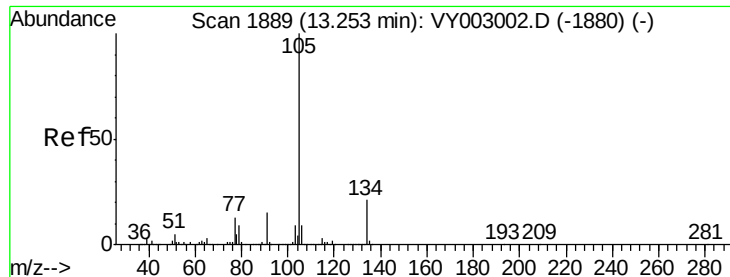
Tot Ion:119 Resp: 363955
Ion Ratio Lower Upper
119 100
91 63.1 31.6 95.0
134 26.9 13.2 39.5



#84
1,2,4-Trimethylbenzene
Concen: 21.891 ug/l
RT: 13.12 min Scan# 1867
Delta R.T. -0.00 min
Lab File: VY003007.D
Acq: 29 Jun 2020 15:32

Tgt Ion:105 Resp: 428851
Ion Ratio Lower Upper
105 100
120 44.8 22.6 67.8





#85

sec-Butylbenzene

Concen: 21.684 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VY003007.D

Acq: 29 Jun 2020 15:32

Instrument :

MSVOA_Y

ClientSampleId :

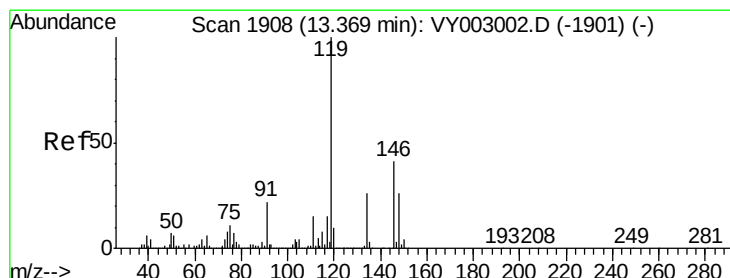
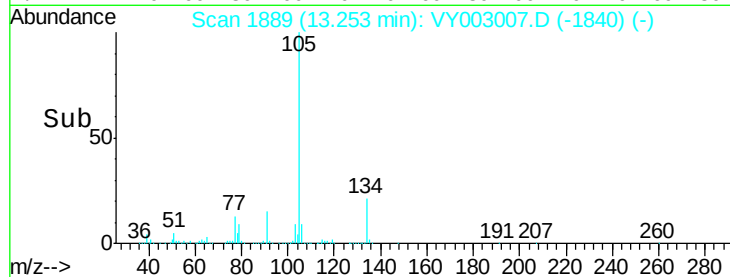
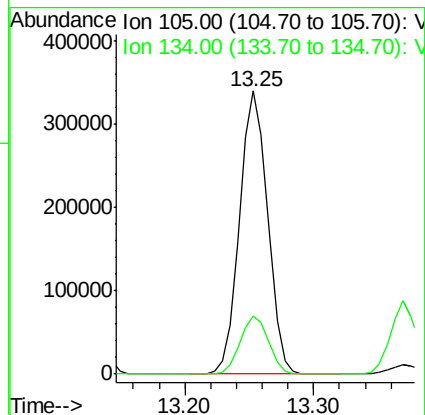
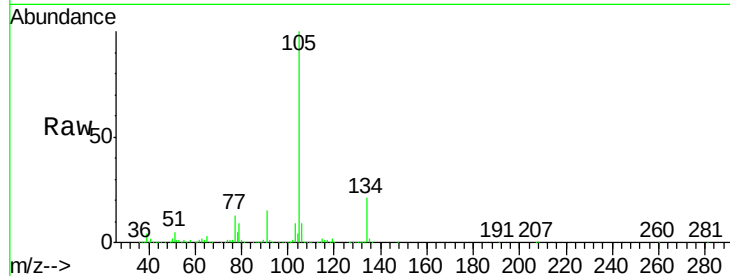
VY0629SBS01

Tot Ion:105 Resp: 510216

Ion Ratio Lower Upper

105 100

134 20.7 10.4 31.2



#86

p-Isopropyltoluene

Concen: 21.413 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. -0.00 min

Lab File: VY003007.D

Acq: 29 Jun 2020 15:32

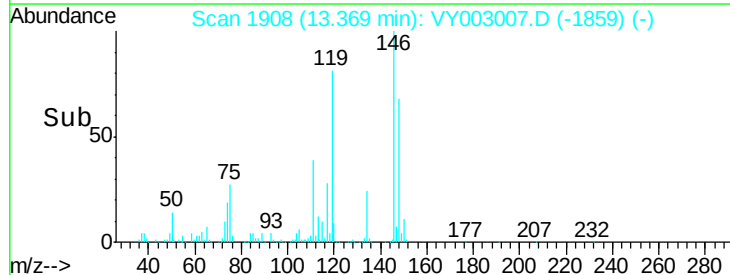
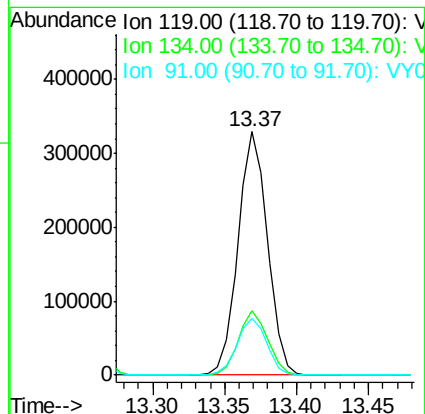
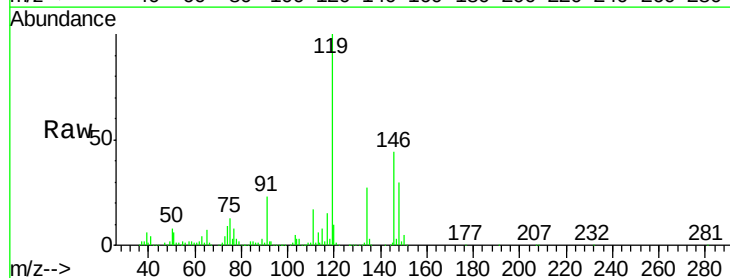
Tgt Ion:119 Resp: 466881

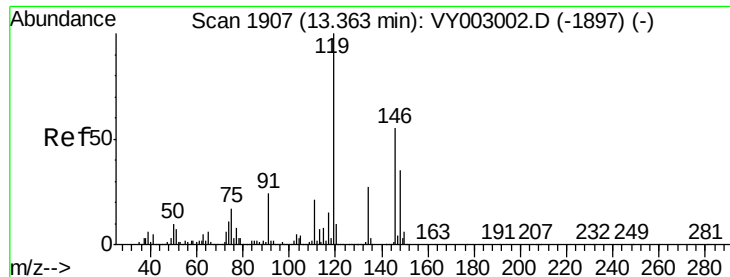
Ion Ratio Lower Upper

119 100

134 26.4 13.5 40.4

91 23.3 11.5 34.5

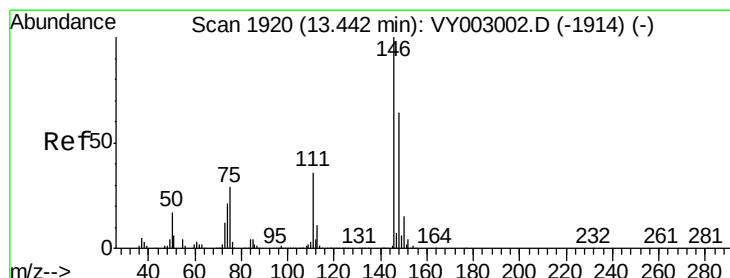
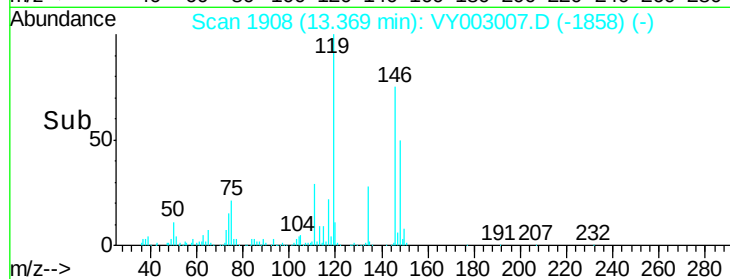
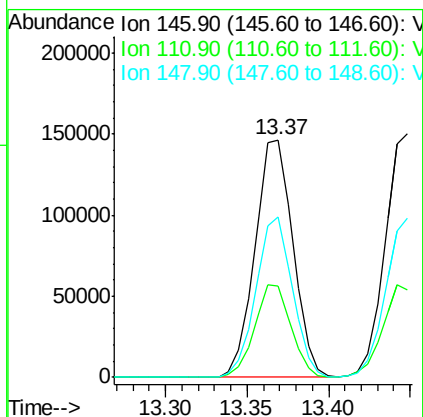
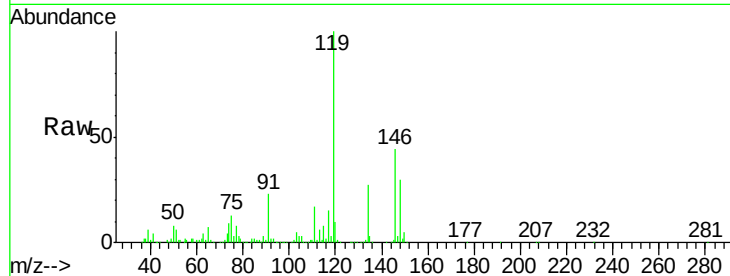




#87
 1,3-Dichlorobenzene
 Concen: 21.311 ug/l
 RT: 13.37 min Scan# 1908
 Delta R.T. 0.01 min
 Lab File: VY003007.D
 Acq: 29 Jun 2020 15:32

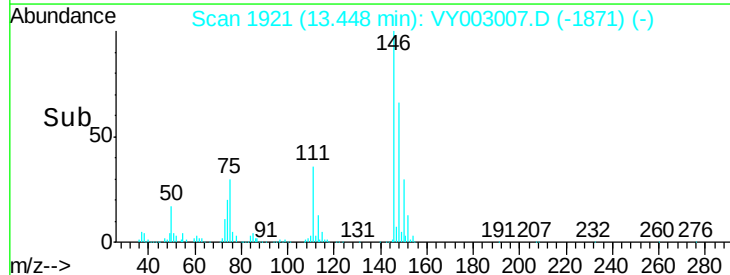
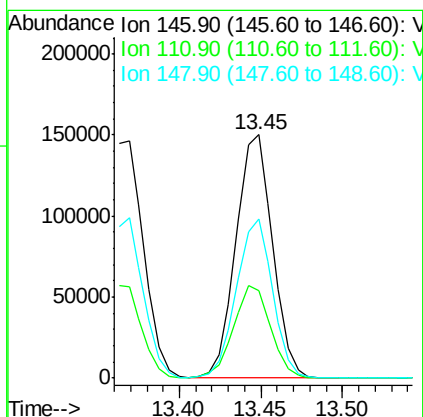
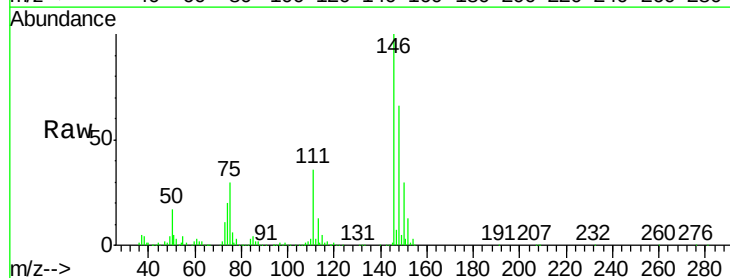
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0629SBS01

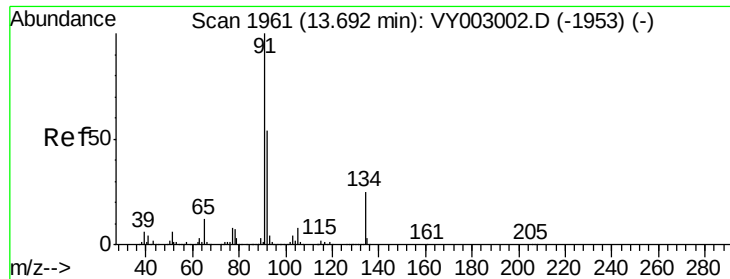
Tot Ion	Ratio	Lower	Upper
146	100		
111	37.7	18.8	56.3
148	65.2	31.8	95.3



#88
 1,4-Dichlorobenzene
 Concen: 21.515 ug/l
 RT: 13.45 min Scan# 1921
 Delta R.T. 0.01 min
 Lab File: VY003007.D
 Acq: 29 Jun 2020 15:32

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.5	18.4	55.4
148	64.5	32.3	96.9

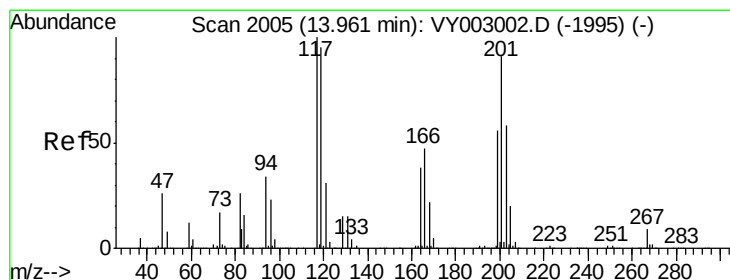
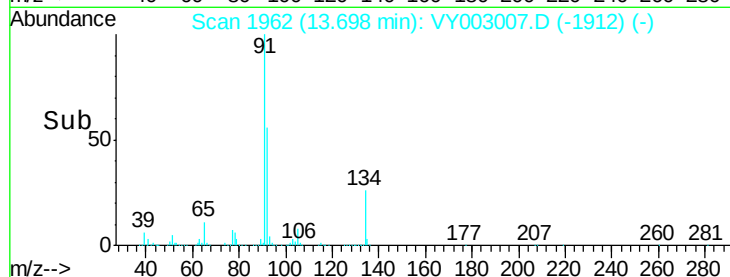
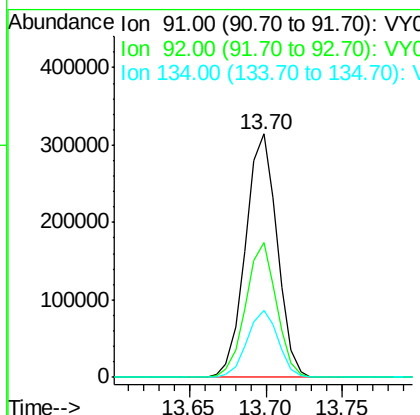
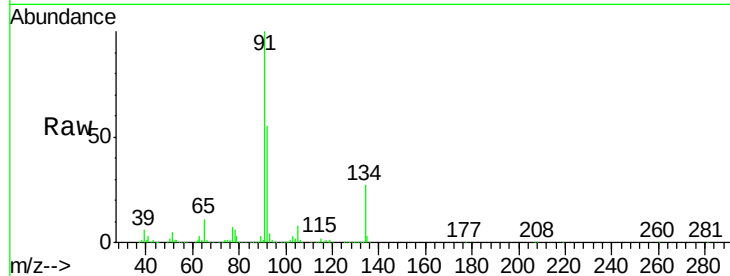




#89
n-Butylbenzene
Concen: 21.700 ug/l
RT: 13.70 min Scan# 1962
Delta R.T. 0.01 min
Lab File: VY003007.D
Acq: 29 Jun 2020 15:32

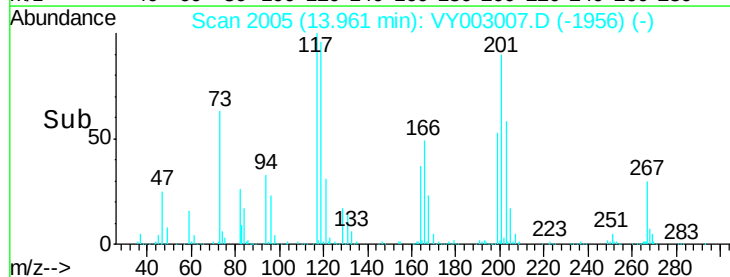
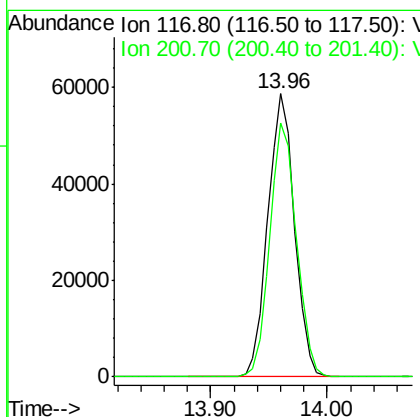
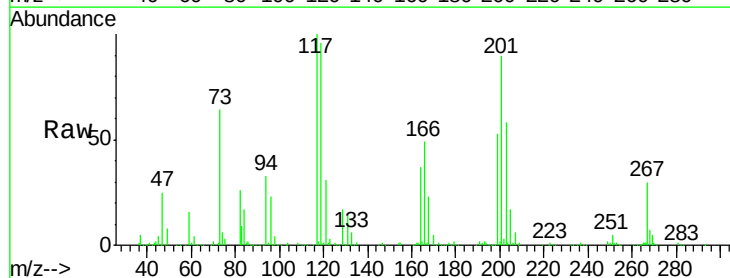
Instrument :
MSVOA_Y
ClientSampleId :
VY0629SBS01

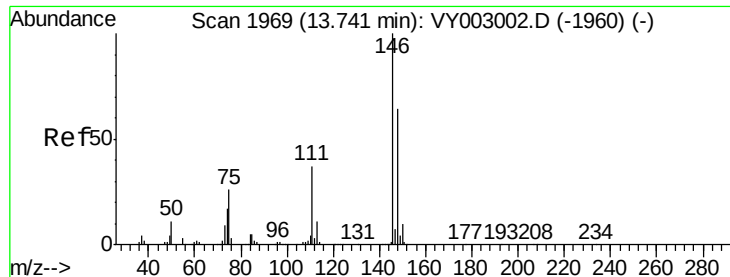
Tot Ion: 91 Resp: 452690
Ion Ratio Lower Upper
91 100
92 53.6 26.8 80.3
134 27.0 13.1 39.1



#90
Hexachloroethane
Concen: 21.606 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. -0.00 min
Lab File: VY003007.D
Acq: 29 Jun 2020 15:32

Tgt Ion: 117 Resp: 93543
Ion Ratio Lower Upper
117 100
201 89.5 45.5 136.4





#91

1,2-Dichlorobenzene

Concen: 21.415 ug/l

RT: 13.74 min Scan# 1969

Delta R.T. -0.00 min

Lab File: VY003007.D

Acq: 29 Jun 2020 15:32

Instrument :

MSVOA_Y

ClientSampleId :

VY0629SBS01

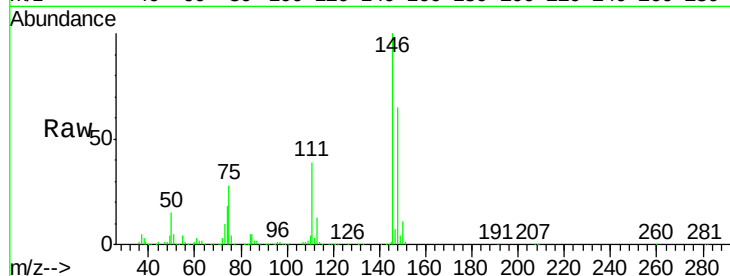
Tot Ion:146 Resp: 213091

Ion Ratio Lower Upper

146 100

111 39.9 19.1 57.5

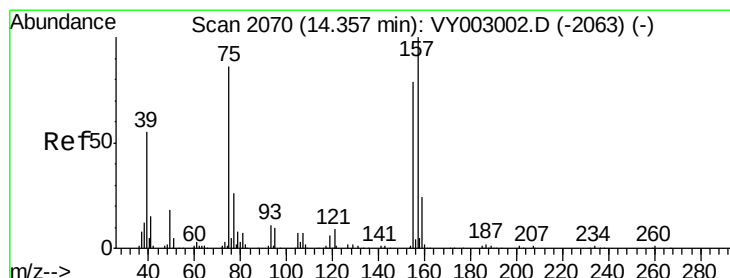
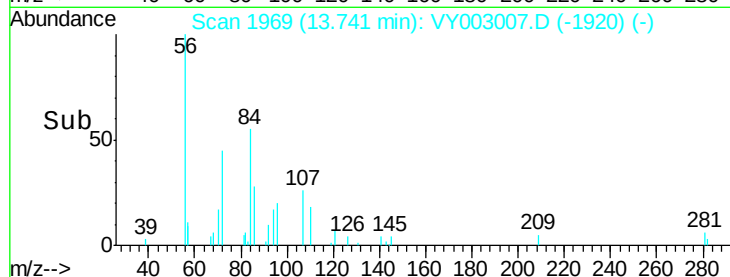
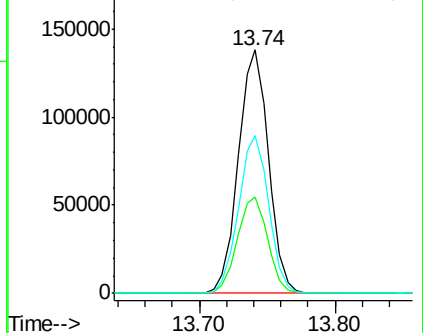
148 65.0 31.8 95.3



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 23.069 ug/l

RT: 14.36 min Scan# 2070

Delta R.T. -0.00 min

Lab File: VY003007.D

Acq: 29 Jun 2020 15:32

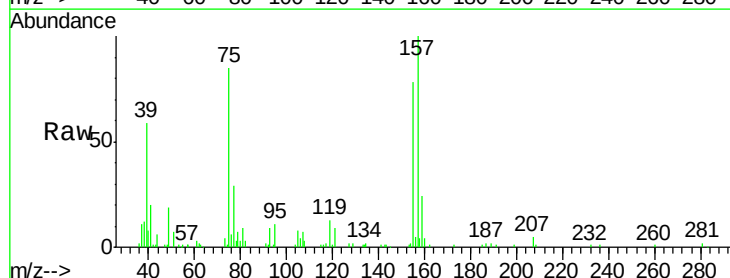
Tgt Ion: 75 Resp: 19093

Ion Ratio Lower Upper

75 100

155 92.9 46.5 139.3

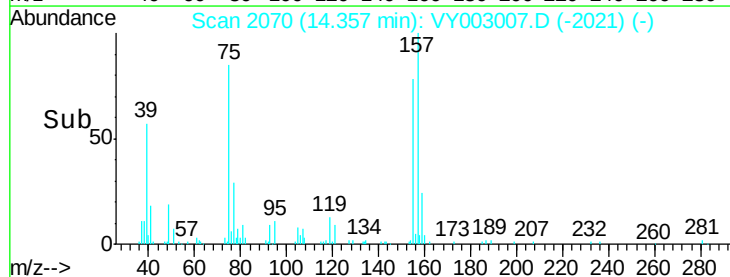
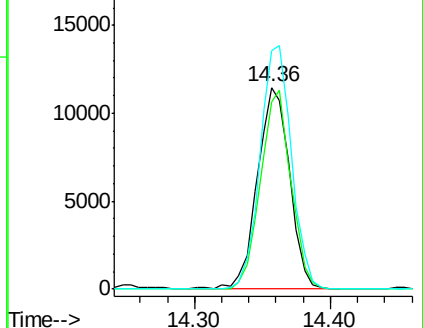
157 117.4 59.2 177.5

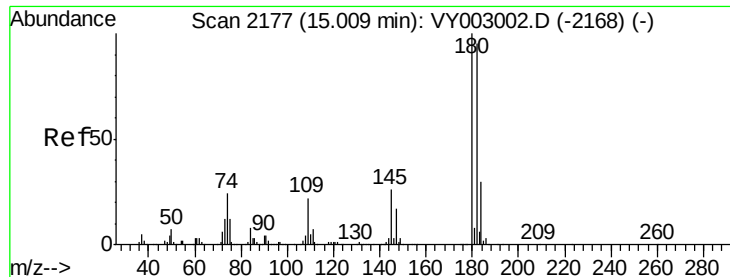


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

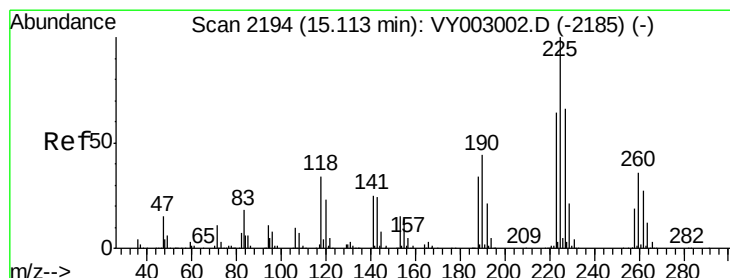
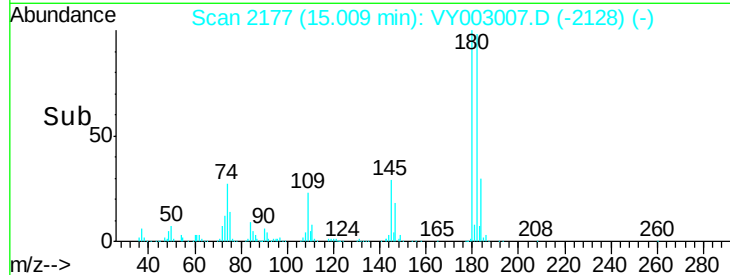
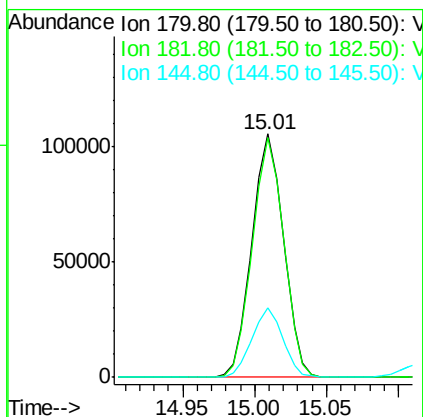
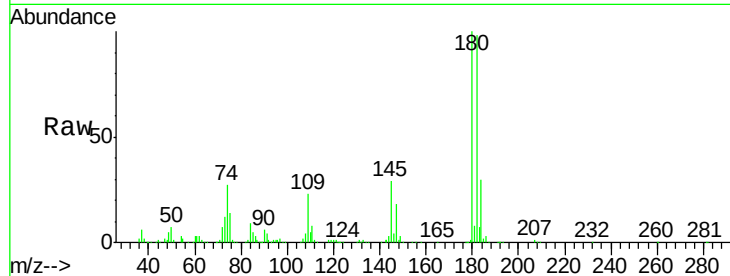




#93
 1,2,4-Trichlorobenzene
 Concen: 21.711 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. -0.00 min
 Lab File: VY003007.D
 Acq: 29 Jun 2020 15:32

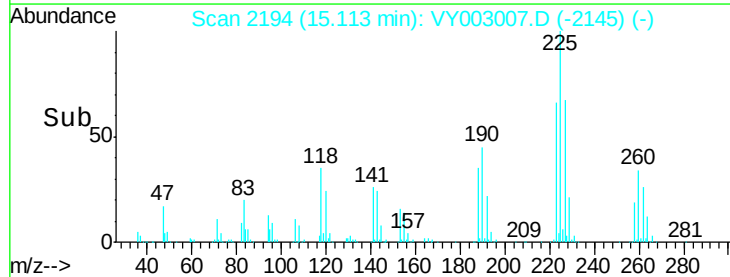
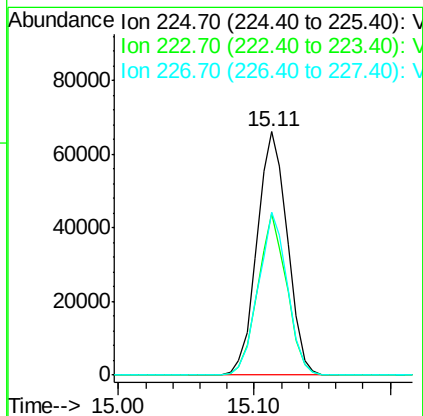
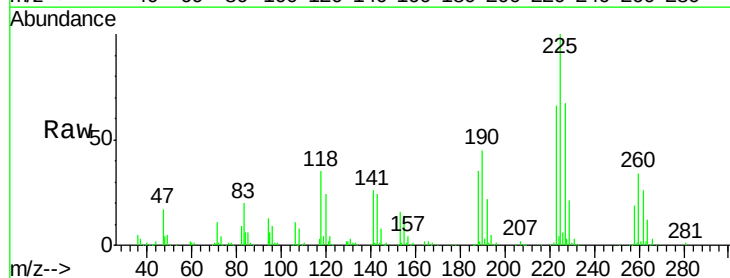
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0629SBS01

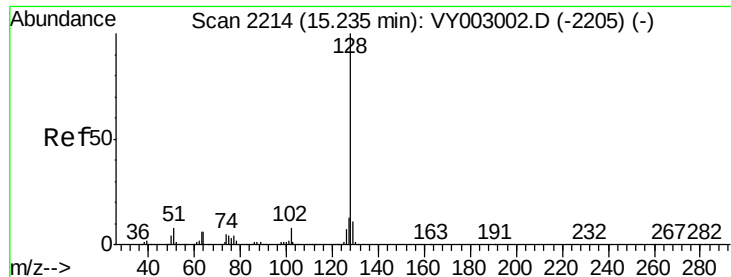
Tot Ion	Ratio	Lower	Upper
180	100		
182	97.4	48.1	144.3
145	27.8	13.9	41.6



#94
 Hexachlorobutadiene
 Concen: 22.236 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. -0.00 min
 Lab File: VY003007.D
 Acq: 29 Jun 2020 15:32

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.9	32.4	97.0
227	64.0	32.4	97.2





#95

Naphthalene

Concen: 22.144 ug/l

RT: 15.24 min Scan# 2215

Delta R.T. 0.01 min

Lab File: VY003007.D

Acq: 29 Jun 2020 15:32

Instrument :

MSVOA_Y

ClientSampleId :

VY0629SBS01

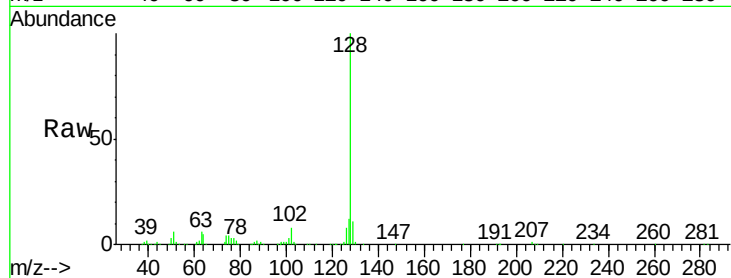
Tot Ion:128 Resp: 299057

Ion Ratio Lower Upper

128 100

127 13.2 10.8 16.2

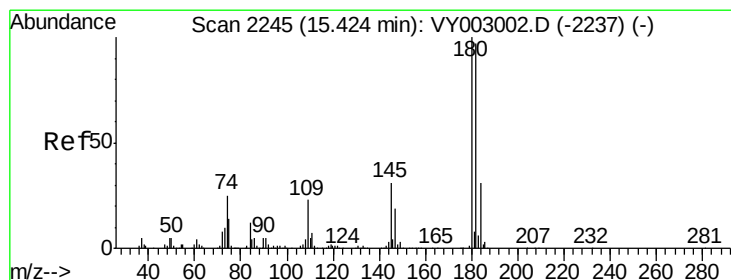
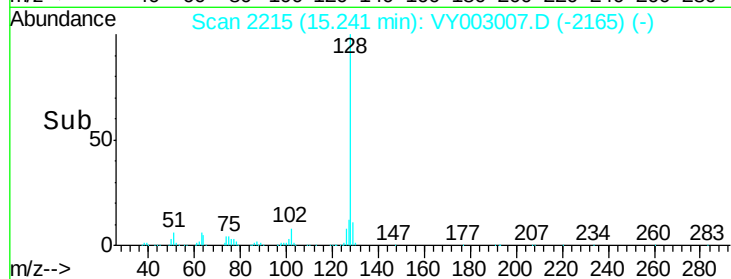
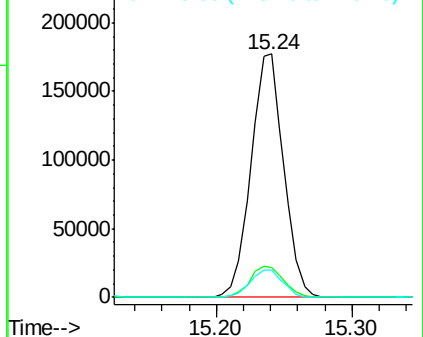
129 11.2 8.8 13.2



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: 21.900 ug/l

RT: 15.42 min Scan# 2245

Delta R.T. -0.00 min

Lab File: VY003007.D

Acq: 29 Jun 2020 15:32

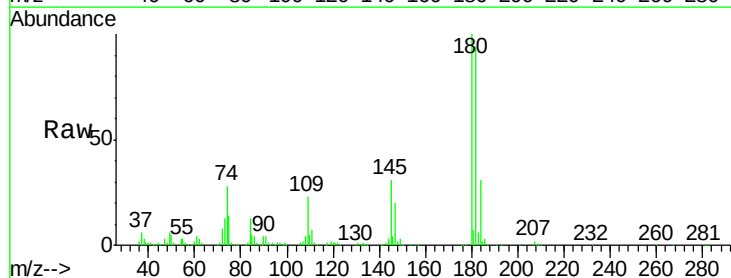
Tgt Ion:180 Resp: 140602

Ion Ratio Lower Upper

180 100

182 96.5 47.8 143.3

145 29.9 14.7 44.1



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

